API Well Number: 43013518370000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER FRITZ #3-24A2	
2. TYPE OF WORK DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** BLUEBELL
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
6. NAME OF OPERATOR DEVON ENERGY PROD CO LP	**7. OPERATOR PHONE** 405 228-4248
8. ADDRESS OF OPERATOR P.O. Box 290 , Neola, UT, 84053	**9. OPERATOR E-MAIL** patti.riechers@dvn.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE **11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ◉	**12. SURFACE OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ◉
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Raymond J. & Clara H. Fritz	**14. SURFACE OWNER PHONE (if box 12 = 'fee')**
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 5643 Cora Way, Taylorsville, UT 84129	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') **18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ◉	**19. SLANT** VERTICAL ○ DIRECTIONAL ○ HORIZONTAL ◉

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	666 FSL 870 FWL	SWSW	24	1.0 S	2.0 W	U
Top of Uppermost Producing Zone	666 FSL 870 FWL	SWSE	24	1.0 S	2.0 W	U
At Total Depth	700 FNL 700 FWL	NWNW	24	1.0 S	2.0 W	U

21. COUNTY DUCHESNE	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 700	**23. NUMBER OF ACRES IN DRILLING UNIT** 640
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1722	**26. PROPOSED DEPTH** MD: 15911 TVD: 12200
27. ELEVATION - GROUND LEVEL 5544	**28. BOND NUMBER** 71S100753026-70	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** Ballard City Municipal Water

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	17.5	13.375	0 - 1600	61.0	J-55 ST&C	9.0	Type III	624	2.17	12.5
							Type III	237	1.32	14.8
I1	12.25	9.625	0 - 10600	53.5	P-110 LT&C	12.5	Class G	1396	1.7	12.3
							Class G	1274	1.23	13.5
PROD	8.5	5.5	10350 - 15911	20.0	P-110 Other	15.0	Class G	713	2.3	15.8
							No Used	0	0.0	0.0

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Julie Patrick	**TITLE** Regulatory Analyst	**PHONE** 405 228-8684
SIGNATURE	**DATE** 11/01/2012	**EMAIL** julie.patrick@dvn.com

API NUMBER ASSIGNED
43013518370000

APPROVAL

Permit Manager

RECEIVED: April 01, 2013

API Well Number: 43013518370000

Well Name:	**Fritz 3-24A2**
Target:	Wasatch
County, State:	Duchesne, UT
SH Location:	666' FSL, 870' FWL, Section 24, T1S, R2W, U.S.B.&M.
BH Location:	700' FNL, 700' FWL, Section 24, T1S, R2W, U.S.B.&M.
SHL Latitude:	40.376397° N
SHL Longitude:	110.064356° W
BHL Latitude:	40.386683° N
BHL Longitude:	110.064817° W
Coordinates:	NAD 83

Conductor
OD: **20"** Hole Size: **30"**
Wt: Setting Depth: **80'**

Surface Casing
OD: **13 3/8"**
Wt: **61.#**
Grd: **J55** Hole Size: **17 1/2"**
Con: **STC** Setting Depth: **1,600'**

*Surface Casing set just above expected brackish water flow to protect and isolate all shallow fresh water
*Test casing to 1500 psi
*FIT to 14.0 ppg upon drill out

1,900' Shallow Sand
*Potential brackish water flow from disposal up to 12 ppg equivalent

*Top of Tail slurry for Intermediate Casing cement will isolate and protect Green River

6,730' **Upper Green River**
*Potential Hydrocarbons

Lower Green River
9,517'
*Potential Hydrocarbons
*Potential brackish water flow from disposal up to 12.5 ppg equivalent

10,350' **Top of Production Liner**

Intermediate Casing
OD: **9 5/8"**
Wt: **53.5#**
Grd: **P-110** Hole Size: **12 1/4"**
Con: **LTC** Setting Depth: **10,600'**

*Intermediate Csg set just above top of Wasatch
*Test casing to 3000 psi
*FIT to 15.5 ppg upon drill out

Top of Drilling Liner

10,624' **Wasatch**
*Potential Hydrocarbons
*Overpressure begins

11,829' **Kick Off Point**

Hole Size: **8 1/2"**

12,400' **Landing Point TVD**

Production Liner
OD: **5 1/2"**
Wt: **20.#**
Grd: **P-110**
Con: **BTC**
Setting Depth: **15,911'**
BHL TVD: **12,200'**

Expected BH Temp
215 ° F

Expected BH PSI
9516 psi

Wellhead Equipment	
A/B Sections	13-3/8" x 13-5/8" 5K/10K SOW w/multibowl
DSA	13-5/8" 10K x 11" 10K Crossover
C Section	11" 10K x 7-1/16" 10K Tubing Head

Notes: Casing head with multibowl will be installed on 13-3/8" csg and flange will be tested to 5K psi. 9-5/8" int csg will be landed in the multibowl. A 10k psi packoff will be installed on top of the int csg. At that time the same flange will be tested to 10k psi. Tubing head will be installed after setting production liner.

BOP Stack- Top to Bottom				
Item	**Size**	**Rated Psi**	**Psi Test**	**Comments**
Rotating Head	13-3/8"	500	N/A	Not tested
Annular	13-3/8"	5,000	3,500	Tested to 70%
Double Ram	13-3/8"	10,000	5K/10K	Top- pipe, Bottom- blind
Mud Cross	13-3/8"	10,000	5K/10K	For Kill and Choke lines
Kill Line	2"	10,000	5K/10K	Check & manual valve
Choke Line	3"	10,000	5K/10K	Hydraulic & manual valve
Single Ram	13-3/8"	10,000	5K/10K	Pipe Rams
Choke Manifold (minimum requirements)				
Coflex Hose	3"	10,000	5K/10K	Choke line to tee block
Manual Choke	3"	10,000	5K/10K	2 valves, to separator
Panic Line	3"	10,000	5K/10K	2 valves, to reserve pit
Hydraulic Chk	3"	10,000	5K/10K	2 valves, to separator

Notes: BOPE will be tested to 5K psi upon initial installation and then 10k psi after setting the 9-5/8" int csg.

Mud		
Depth	**Type**	**Max Weight (ppg)**
0' - 1,600'	Spud Mud	9.0
1,600' - 10,600'	4% KCL Mud	12.5
10,600' - 12,765'	Oil Based Mud	15.0
12,765' - 15,911'	Oil Based Mud	15.0

Cement							
Slurry	**Top**	**Btm**	**Wt**	**Yld**	**%Exc**	**Bbl**	**Sx**
Surface							
Type III	0'	1,300'	12.5	2.17	50	241	624
Type III	1,300'	1,600'	14.8	1.32	50	56	237
Intermediate							
75/25 Poz/Class G	0'	6,430'	12.3	1.7	20	423	1396
50/50 Poz/Class G	6,430'	10,600'	13.5	1.23	20	279	1274
Production Liner							
Class G	10,350'	15,911'	15.8	2.3	30	292	713

Note: If no cement returns are brought to surface for surface casing, a top out job will be performed to bring returns to surface.

Directional Plan						
Target TVDs:	Landing Point- 12,200', BHL- 12,400'					
Target Window:	TBD					
	MD	**INC**	**AZM**	**TVD**	**VS**	**DLS**
KOP	11,829'	0.00	0.00	11,829'	0'	0.00
EOB	12,765'	93.65	357.12	12,400'	609'	10.00
TD	15,911'	93.65	357.12	12,200'	3,749'	0.00
Hardlines:	Lateral- 660' from section lines Vertical- Actual section lines					
Notes:	Please note SHL and BHL from section/lease lines					

Logs

Type	Logs	Interval	Vendor
Open Hole	Array Induction- GR- SP- Cal	Int TD to surf csg	TBD
Open Hole	Cross dipole sonic	Int TD to surf csg	TBD
Open Hole	Array Induction- GR- SP- Cal	Production TD to Int csg	TBD
Open Hole	Cross dipole sonic	Production TD to Int csg	TBD
Mudlog	30' samples, 10' samples if slow	Surf Csg to TD	TBD
LWD	Gamma	Curve and Lateral	TBD

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Drilling Plan for
Fritz 3-24A2

Estimated Geologic Markers:

Formation	MD	TVD	Potential Hydrocarbons or Hazards
Shallow Sand	1,900'	1,900'	*Potential brackish water flow from disposal up to 12 ppg equivalent
Upper Green River	6,730'	6,730'	*Potential Hydrocarbons
Lower Green River	9,517'	9,517'	*Potential Hydrocarbons *Potential brackish water flow from disposal up to 12.5 ppg equivalent
Wasatch	10,624'	10,624'	*Potential Hydrocarbons *Overpressure begins

Estimated Bottom Hole Temerature: 215 ^{0} F
Estimated Bottom Hole Pressure: 9516 psi

Casing Program

			Depths							
	Hole	Casing	Top		Bottom					
Casing String	Size	Size	MD	TVD	MD	TVD	Weight	Grade	Thread	Notes
Surface Casing	17 1/2"	13 3/8"	0'	0'	1,600'	1,600'	61.#	J55	STC	*Surface Casing set just above expected brackish water flow to protect and isolate all shallow fresh water *Test casing to 1500 psi *FIT to 14.0 ppg upon drill out
Intermediate Cas	12 1/4"	9 5/8"	0'	0'	10,600'	10,600'	53.5#	P-110	LTC	*Intermediate Csg set just above top of Wasatch *Test casing to 3000 psi *FIT to 15.5 ppg upon drill out
Production Liner	8 1/2"	5 1/2"	10,350'	10,350'	15,911'	12,200'	20.#	P-110	BTC	

Cement Program

Slurry	Top	Btm	Wt	Yld	%Exc	Bbl	Sx	Notes
Surface								
Type III	0'	1,300'	12.5	2.17	50	241	624	
Type III	1,300'	1,600'	14.8	1.32	50	56	237	
Intermediate								
75/25 Poz/Class G	0'	6,430'	12.3	1.7	20	423	1396	
50/50 Poz/Class G	6,430'	10,600'	13.5	1.23	20	279	1274	*Top of Tail slurry for Intermediate Casing
								cement will isolate and protect Green River
Production Liner								
Class G	10,350'	15,911'	15.8	2.3	30	292	713	
Note: If no cement returns are brought to surface for surface casing, a top out job will be performed to bring returns to surface.								

Mud System

Depth	Type	Max Weight (ppg)	Notes
0' - 1,600'	Spud Mud	9.0	
1,600' - 10,600'	4% KCL Mud	12.5	Weight up as needed to control injection water flows
10,600' - 12,765'	Oil Based Mud	15.0	Weight up as needed to control abnormal pressure
12,765' - 15,911'	Oil Based Mud	15.0	Weight up as needed to control abnormal pressure

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Drilling Plan for
Fritz 3-24A2

Plans for Logging, Testing, and Coring

Type	Details	Interval	Vendor
Open Hole	Array Induction- GR- SP- Cal	Intermediate TD to surf csg	TBD
Open Hole	Cross dipole sonic	Intermediate TD to surf csg	TBD
Open Hole	Array Induction- GR- SP- Cal	Base of curve to Intermediate csg shoe	TBD
Open Hole	Cross dipole sonic	Base of curve to Intermediate csg shoe	TBD
Mudlog	30' samples, 10' samples if slow	Surface Csg Shoe to TD	TBD
LWD	Gamma	Curve and Lateral	TBD
Cores	none	N/A	N/A
DST	none	N/A	N/A

Pressure Control Equipment

Wellhead Equipment	
A/B Sections	13-3/8" x 13-5/8" 5K/10K SOW w/multibowl
DSA	13-5/8" 10K x 11" 10K Crossover
C Section	11" 10K x 7-1/16" 10K Tubing Head
Notes: Casing head with multibowl will be installed on 13-3/8" csg and flange will be tested to 5K psi. 9-5/8" int csg will be landed in the multibowl. A 10k psi packoff will be installed on top of the int csg. At that time the same flange will be tested to 10k psi. Tubing head will be installed after setting production liner.	

BOP Stack- Top to Bottom				
Item	**Size**	**Pressure**		**Comments**
		Rated	**Test**	
Rotating Head	13-3/8"	500	N/A	Not tested
Annular	13-3/8"	5,000	3,500	Tested to 70%
Double Ram	13-3/8"	10,000	5K/10K	Top- pipe rams, Bottom- blind rams
Mud Cross	13-3/8"	10,000	5K/10K	For Kill and Choke lines
Kill Line	2"	10,000	5K/10K	Check valve & manual gate valve
Choke Line	3"	10,000	5K/10K	Hydraulic gate valve & manual gate valve
Single Ram	13-3/8"	10,000	5K/10K	Pipe rams
Choke Manifold (minimum requirements)				
Coflex Hose	3"	10,000	5K/10K	Choke line to manifold tee block
Manual Choke	3"	10,000	5K/10K	2 manual gate valves, line goes to separator
Panic Line	3"	10,000	5K/10K	2 manual gate valves, line goes to reserve pit
Hydraulic Chk	3"	10,000	5K/10K	2 manual gate valves, line goes to separator
Notes: BOPE will be tested to 5K psi upon initial installation and then 10k psi after setting the 9-5/8" int csg.				

Other Pressure Control Equipment Notes:

- All well control equipment systems shall be in accordance with state of Utah regulatory agencies and rules.
- Equipment will be tested upon initial installation, after any repairs, after any seal is broken
- Equipment will be tested at 21 day intervals minimum
- Accumulator will have sufficient capacity to open the HCR valve, close all rams plus the annular preventer and retain 200 psi above pre-charge pressure without useof closing pumps
- Closing unit system will have two independent power sources to close the preventers

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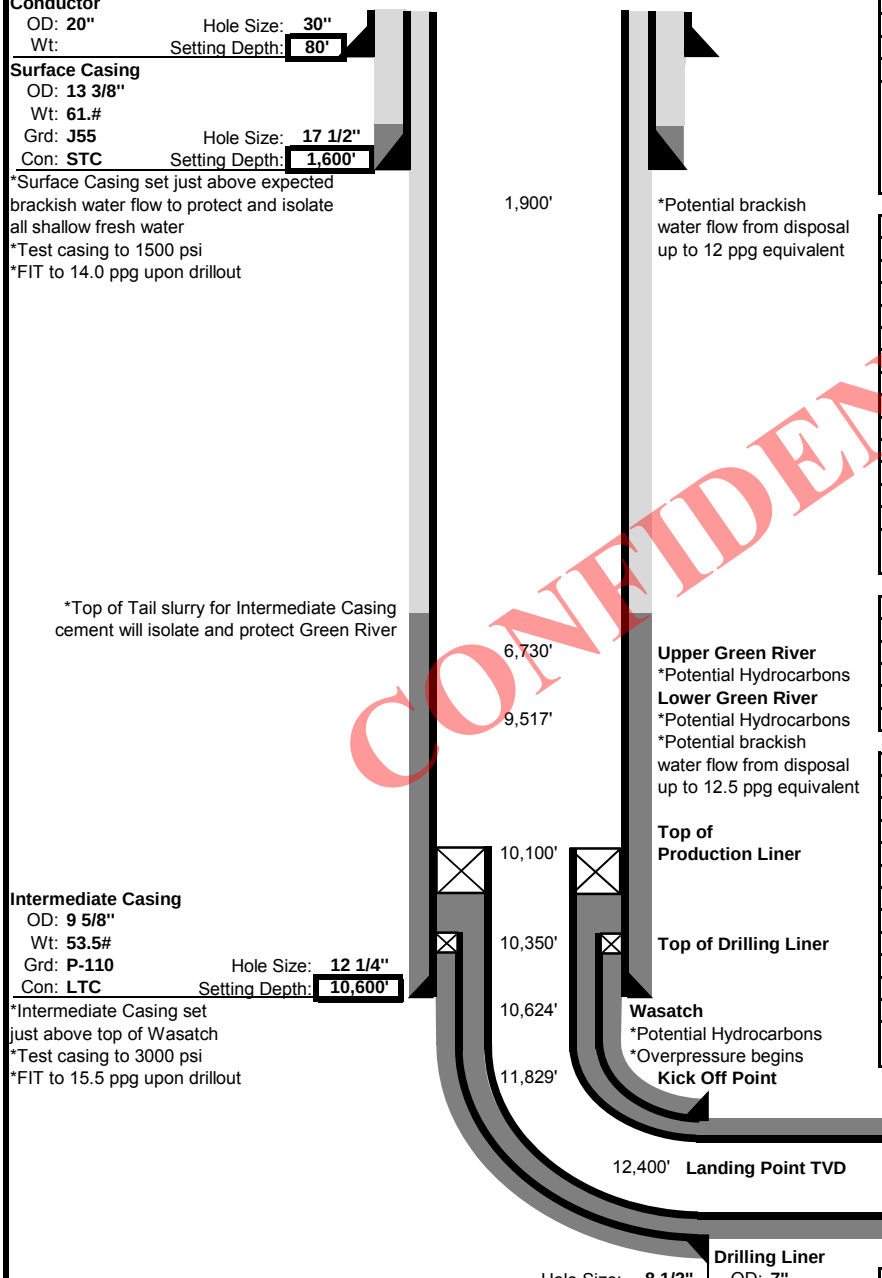
Contingency Casing Design Note:
This design will be used if hole problems are encountered while drilling the curve and/or lateral portion of this well.
Key Differences:
* A 7" drilling liner will be run through the curve
* The production liner will be sized down to 4-1/2" instead of the planned 5-1/2"

****Contingency Casing Design****

Well Name:	**Fritz 3-24A2**
Target:	Wasatch
County, State:	Duchesne, UT
SH Location:	666' FSL, 870' FWL, Section 24, T1S, R2W, U.S.B.&M.
BH Location:	700' FNL, 700' FWL, Section 24, T1S, R2W, U.S.B.&M.
SHL Latitude:	40.376397° N
SHL Longitude:	110.064356° W
BHL Latitude:	40.386683° N
BHL Longitude:	110.064817° W
Coordinates:	NAD 83



Wellhead Equipment	
A/B Sections	13-3/8" x 13-5/8" 5K/10K SOW w/multibowl
DSA	13-5/8" 10K x 11" 10K Crossover
C Section	11" 10K x 7-1/16" 10K Tubing Head
Notes: Casing head with multibowl will be installed on 13-3/8" csg and flange will be tested to 5K psi. 9-5/8" int csg will be landed in the multibowl. A 10k psi packoff will be installed on top of the int csg. At that time the same flange will be tested to 10k psi. Tubing head will be installed after setting production liner.	

BOP Stack- Top to Bottom				
Item	**Size**	**Rated Psi**	**Psi Test**	**Comments**
Rotating Head	13-3/8"	500	N/A	Not tested
Annular	13-3/8"	5,000	3,500	Tested to 70%
Double Ram	13-3/8"	10,000	5K/10K	Top- pipe, Bottom- blind
Mud Cross	13-3/8"	10,000	5K/10K	Kill and Choke lines
Kill Line	2"	10,000	5K/10K	Check & manual valve
Choke Line	3"	10,000	5K/10K	Hydraulic & manual valve
Single Ram	13-3/8"	10,000	5K/10K	Pipe Rams
Choke Manifold (minimum requirements)				
Coflex Hose	3"	10,000	5K/10K	Choke line to tee block
Manual Choke	3"	10,000	5K/10K	2 valves, to separator
Panic Line	3"	10,000	5K/10K	2 valves, to reserve pit
Hydraulic Chk	3"	10,000	5K/10K	2 valves, to separator
Notes: BOPE will be tested to 5K psi upon initial installation and then 10k psi after setting the 9-5/8" int csg.				

Mud			
Depth	**Type**	**Max Weight (ppg)**	
0' - 1,600'	Spud Mud	9.0	
1,600' - 10,600'	4% KCL Mud	12.5	
10,600' - 12,765'	Oil Based Mud	15.0	
12,765' - 15,911'	Oil Based Mud	15.0	

Cement							
Slurry	**Top**	**Btm**	**Wt**	**Yld**	**%Exc**	**Bbl**	**Sx**
Surface							
Type III	0'	1,300'	12.5	2.17	50	241	624
Type III	1,300'	1,600'	14.8	1.32	50	56	237
Intermediate							
75/25 Poz/Class G	0'	6,430'	12.3	1.7	20	423	1396
50/50 Poz/Class G	6,430'	10,600'	13.5	1.23	20	279	1274
Drilling Liner							
50/50 Poz/Class G	10,350'	12,765'	15.8	1.53	30	69	255
Production Liner							
Class G	10,100'	15,911'	15.8	2.3	30	171	418
Note: If no cement returns are brought to surface for surface casing, a top out job will be performed to bring returns to surface.							

Expected BH Temp 215 ° F

Expected BH PSI 9516 psi

Logs	Type	Logs	Interval	Vendor
	Open Hole	Array Induction- GR- SP- Cal	Int TD to surf csg	TBD
	Open Hole	Cross dipole sonic	Int TD to surf csg	TBD
	Open Hole	Array Induction- GR- SP- Cal	Production TD to Int csg	TBD
	Open Hole	Cross dipole sonic	Production TD to Int csg	TBD
	Mudlog	30' samples, 10' samples if slow	Surf Csg to TD	TBD
	LWD	Gamma	Curve and Lateral	TBD

Directional Plan						
Target TVDs:	Landing Point- 12,200', BHL- 12,400'					
Target Window:	TBD					
	MD	**INC**	**AZM**	**TVD**	**VS**	**DLS**
KOP	11,829'	0.00	0.00	11,829'	0'	0.00
EOB	12,765'	93.65	357.12	12,400'	609'	10.00
TD	15,911'	93.65	357.12	12,200'	3,749'	0.00
Hardlines:	Lateral- 660' from section lines Vertical- Actual section lines					
Notes:	Please note SHL and BHL from section/lease lines					

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***Contingency*- This drilling plan will be used if hole problems are encoutered while drilling the curve or lateral sections**
***In this case a 7" drilling liner will be run in the curve and a 4-1/2" production liner will be used**

Drilling Plan for
Fritz 3-24A2

Estimated Geologic Markers:

Formation	MD	TVD	Potential Hydrocarbons or Hazards
*Potential brackish	1,900'	1,900'	water flow from disposal up to 12 ppg equivalent
Upper Green River	6,730'	6,730'	*Potential Hydrocarbons
Lower Green River	9,517'	9,517'	*Potential Hydrocarbons *Potential brackish water flow from disposal up to 12.5 ppg equivalent
Wasatch	10,624'	10,624'	*Potential Hydrocarbons *Overpressure begins

Estimated Bottom Hole Temerature: 215 ^{0} F
Estimated Bottom Hole Pressure: 9516 psi

Casing Program

			Depths							
	Hole	Casing	Top		Bottom					
Casing String	Size	Size	MD	TVD	MD	TVD	Weight	Grade	Thread	Notes
Surface Casing	17 1/2"	13 3/8"	0'	0'	1,600'	1,600'	61.#	J55	STC	*Surface Casing set just above expected brackish water flow to protect and isolate all shallow fresh water *Test casing to 1500 psi *FIT to 14.0 ppg upon drillout
Intermediate Cas	12 1/4"	9 5/8"	0'	0'	10,600'	10,600'	53.5#	P-110	LTC	*Intermediate Casing set just above top of Wasatch *Test casing to 3000 psi *FIT to 15.5 ppg upon drillout
Drilling Liner	8 1/2"	7"	10,350'	10,350'	12,765'	12,400'	29.#	P-110	BTC	*Drilling liner set through Landing Point of curve *Test Casing to 2000 psi *FIT to 15.5 ppg upon drillout
Production Casin	6 1/8"	4 1/2"	10,100'	10,100'	15,911'	12,200'	13.5#	P-110	BTC	

Cement Program

Slurry	Top	Btm	Wt	Yld	%Exc	Bbl	Sx	Notes
Surface								
Type III	0'	1,300'	12.5	2.17	50	241	624	
Type III	1,300'	1,600'	14.8	1.32	50	56	237	
Intermediate								
75/25 Poz/Class G	0'	6,430'	12.3	1.7	20	423	1396	
50/50 Poz/Class G	6,430'	10,600'	13.5	1.23	20	279	1274	*Top of Tail slurry for Intermediate Casing
								cement will isolate and protect Green River
Drilling Liner								
50/50 Poz/Class G	10,350'	12,765'	15.8	1.53	30	69	255	
Production Liner								
Class G	10,100'	15,911'	15.8	2.3	30	171	418	
Note: If no cement returns are brought to surface for surface casing, a top out job will be performed to bring returns to surface.								

Mud System

Depth	Type	Max Weight (ppg)	Notes
0' - 1,600'	Spud Mud	9.0	
1,600' - 10,600'	4% KCL Mud	12.5	Weight up as needed to control injection water flows
10,600' - 12,765'	Oil Based Mud	15.0	Weight up as needed to control abnormal pressure
12,765' - 15,911'	Oil Based Mud	15.0	Weight up as needed to control abnormal pressure

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***Contingency*- This drilling plan will be used if hole problems are encoutered while drilling the curve or lateral sections**
***In this case a 7" drilling liner will be run in the curve and a 4-1/2" production liner will be used**

Drilling Plan for
Fritz 3-24A2

Plans for Logging, Testing, and Coring

Type	Details	Interval	Vendor
Open Hole	Array Induction- GR- SP- Cal	Intermediate TD to surf csg	TBD
Open Hole	Cross dipole sonic	Intermediate TD to surf csg	TBD
Open Hole	Array Induction- GR- SP- Cal	Base of curve to Intermediate csg shoe	TBD
Open Hole	Cross dipole sonic	Base of curve to Intermediate csg shoe	TBD
Mudlog	30' samples, 10' samples if slow	Surface Csg Shoe to TD	TBD
LWD	Gamma	Curve and Lateral	TBD
Cores	none	N/A	N/A
DST	none	N/A	N/A

Pressure Control Equipment

Wellhead Equipment	
A/B Sections	13-3/8" x 13-5/8" 5K/10K SOW w/multibowl
DSA	13-5/8" 10K x 11" 10K Crossover
C Section	11" 10K x 7-1/16" 10K Tubing Head
Notes: Casing head with multibowl will be installed on 13-3/8" csg and flange will be tested to 5K psi. 9-5/8" int csg will be landed in the multibowl. A 10k psi packoff will be installed on top of the int csg. At that time the same flange will be tested to 10k psi. Tubing head will be installed after setting production liner.	

BOP Stack- Top to Bottom				
Item	**Size**	**Pressure**		**Comments**
		Rated	**Test**	
Rotating Head	13-3/8"	500	N/A	Not tested
Annular	13-3/8"	5,000	3,500	Tested to 70%
Double Ram	13-3/8"	10,000	5K/10K	Top- pipe rams, Bottom- blind rams
Mud Cross	13-3/8"	10,000	5K/10K	For Kill and Choke lines
Kill Line	2"	10,000	5K/10K	Check valve & manual gate valve
Choke Line	3"	10,000	5K/10K	Hydraulic gate valve & manual gate valve
Single Ram	13-3/8"	10,000	5K/10K	Pipe rams
Choke Manifold (minimum requirements)				
Coflex Hose	3"	10,000	5K/10K	Choke line to manifold tee block
Manual Choke	3"	10,000	5K/10K	2 manual gate valves, line goes to separator
Panic Line	3"	10,000	5K/10K	2 manual gate valves, line goes to reserve pit
Hydraulic Chk	3"	10,000	5K/10K	2 manual gate valves, line goes to separator
Notes: BOPE will be tested to 5K psi upon initial installation and then 10k psi after setting the 9-5/8" int csg.				

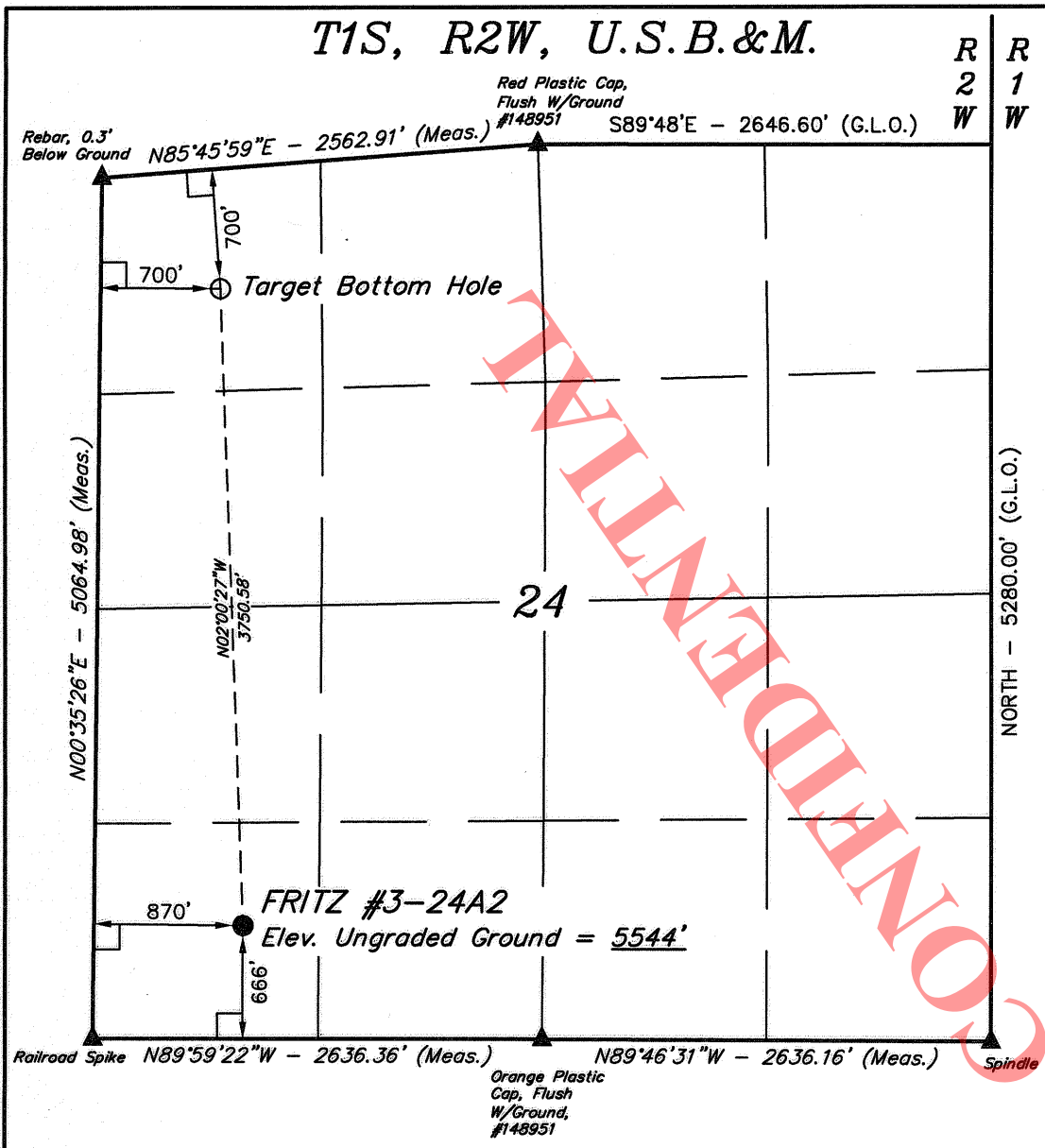
Other Pressure Control Equipment Notes:

- All well control equipment systems shall be in accordance with state of Utah regulatory agencies and rules.
- Equipment will be tested upon initial installation, after any repairs, after any seal is broken
- Equipment will be tested at 21 day intervals minimum
- Accumulator will have sufficient capacity to open the HCR valve, close all rams plus the annular preventer and retain 200 psi above pre-charge pressure without useof closing pumps
- Closing unit system will have two independent power sources to close the preventers

RECEIVED: November 01, 2012

DEVON ENERGY PRODUCTION COMPANY, L.P.

Well location, FRITZ #3-24A2, located as shown in the SW 1/4 SW 1/4 of Section 24, T1S, R2W, U.S.B.&M., Duchesne County, Utah.

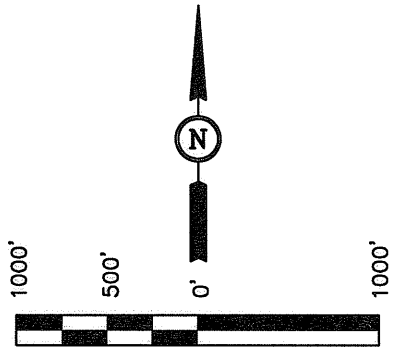


BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTH 1/4 CORNER OF SECTION 31, T1S, R2W, 6th P.M. TAKEN FROM THE NEOLA NW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6672 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

10-10-12

REVISED: 10-10-12 R.L.L.

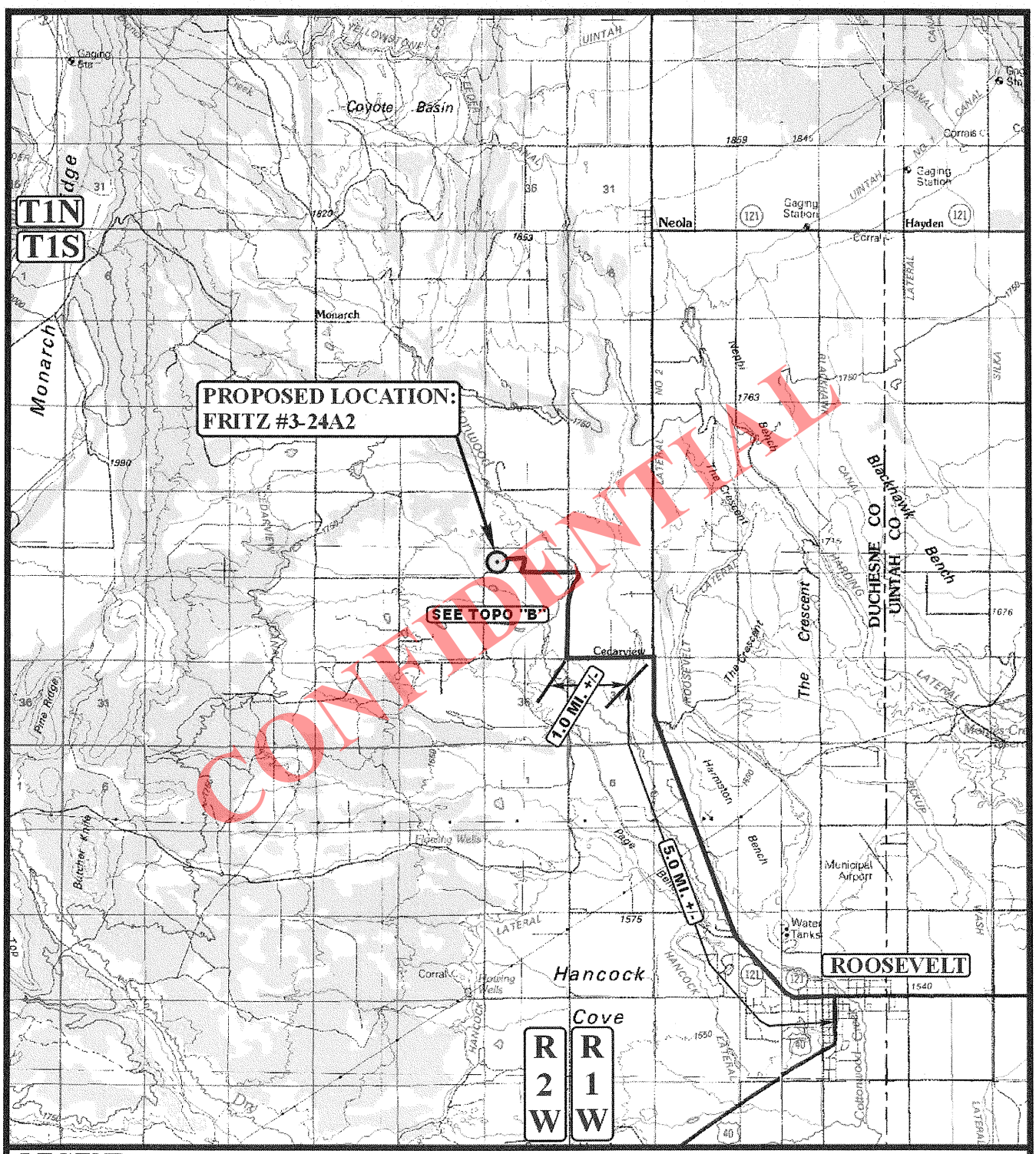
LEGEND:

- ∟ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°23'12.06" (40.386683)	LATITUDE = 40°22'35.03" (40.376397)
LONGITUDE = 110°03'53.34" (110.064817)	LONGITUDE = 110°03'51.68" (110.064356)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°23'12.22" (40.386728)	LATITUDE = 40°22'35.19" (40.376442)
LONGITUDE = 110°03'50.79" (110.064108)	LONGITUDE = 110°03'49.13" (110.063647)
STATE PLANE NAD 27	STATE PLANE NAD 27
N: 751126.51 E: 2399976.98	N: 747381.75 E: 2400165.19

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	09-17-12	09-27-12
PARTY: C.R. A.S. J.J.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: DEVON ENERGY PRODUCTION COMPANY, L.P.	



LEGEND:

⊙ PROPOSED LOCATION

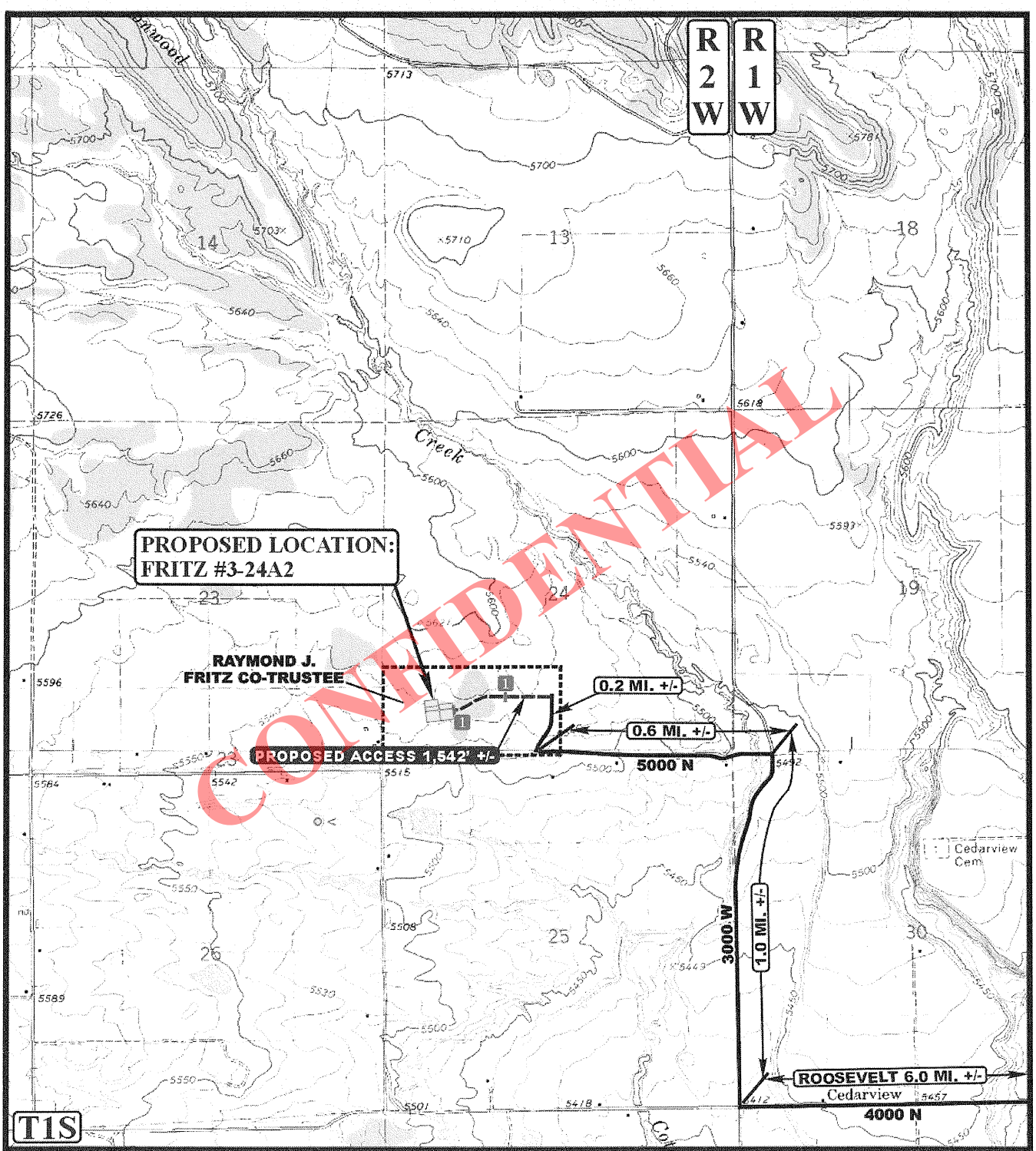
DEVON ENERGY PRODUCTION COMPANY, L.P.

FRITZ #3-24A2
SECTION 24, T1S, R2W, U.S.B.&M.
666' FSL 870' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP	10 MONTH	01 DAY	12 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: C.I.	REVISED: 00-00-00		

RECEIVED: November 01, 2012



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

1 18" CMP REQUIRED

N

DEVON ENERGY PRODUCTION COMPANY, L.P.

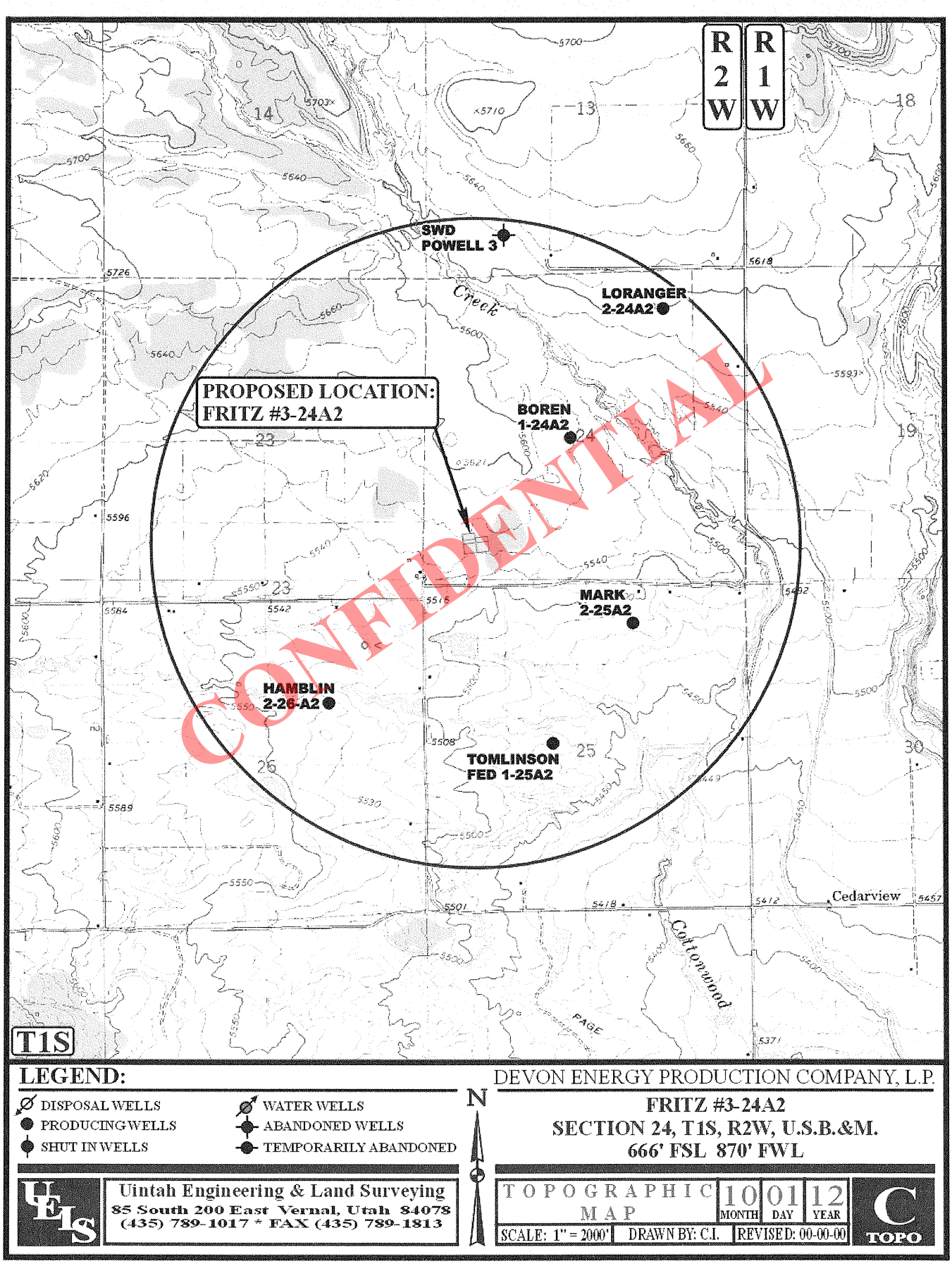
FRITZ #3-24A2
SECTION 24, T1S, R2W, U.S.B.&M.
666' FSL 870' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

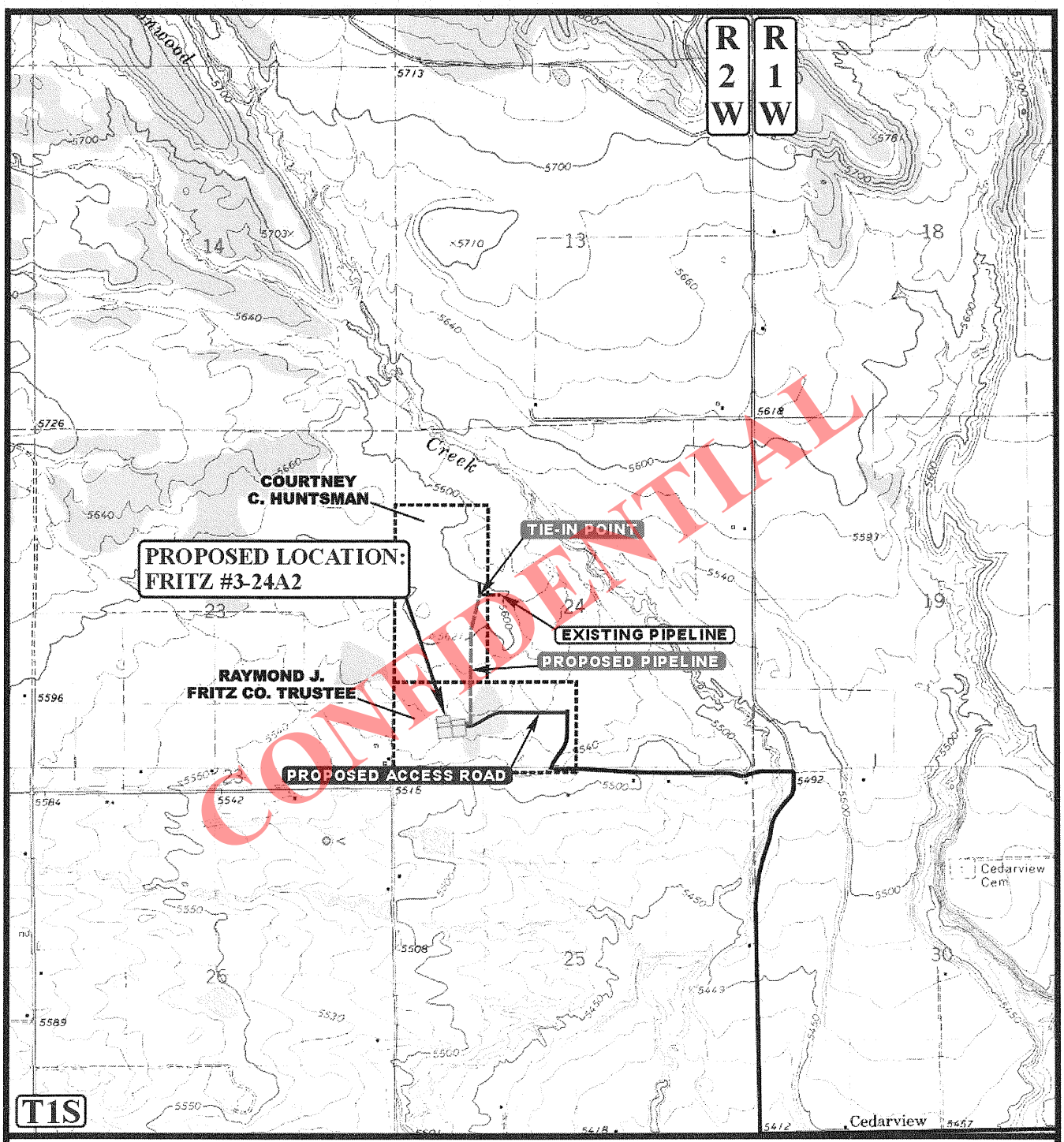
ACCESS ROAD MAP | 10 MONTH | 01 DAY | 12 YEAR | B TOPO

SCALE: 1" = 2000' | DRAWN BY: C.I. | REVISED: 00-00-00

RECEIVED: November 01, 2012



RECEIVED: November 01, 2012



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,999' +/-

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

N

DEVON ENERGY PRODUCTION COMPANY, L.P.

FRITZ #3-24A2
SECTION 24, T1S, R2W, U.S.B.&M.
666' FSL 870' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP | 10 MONTH | 01 DAY | 12 YEAR | D TOPO
SCALE: 1" = 1000' | DRAWN BY: C.I. | REVISED: 00-00-00

RECEIVED: November 01, 2012

DEVON ENERGY PRODUCTION COMPANY, L.P.

FRITZ #3-24A2

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 24, T1S, R2W, U.S.B.&M.

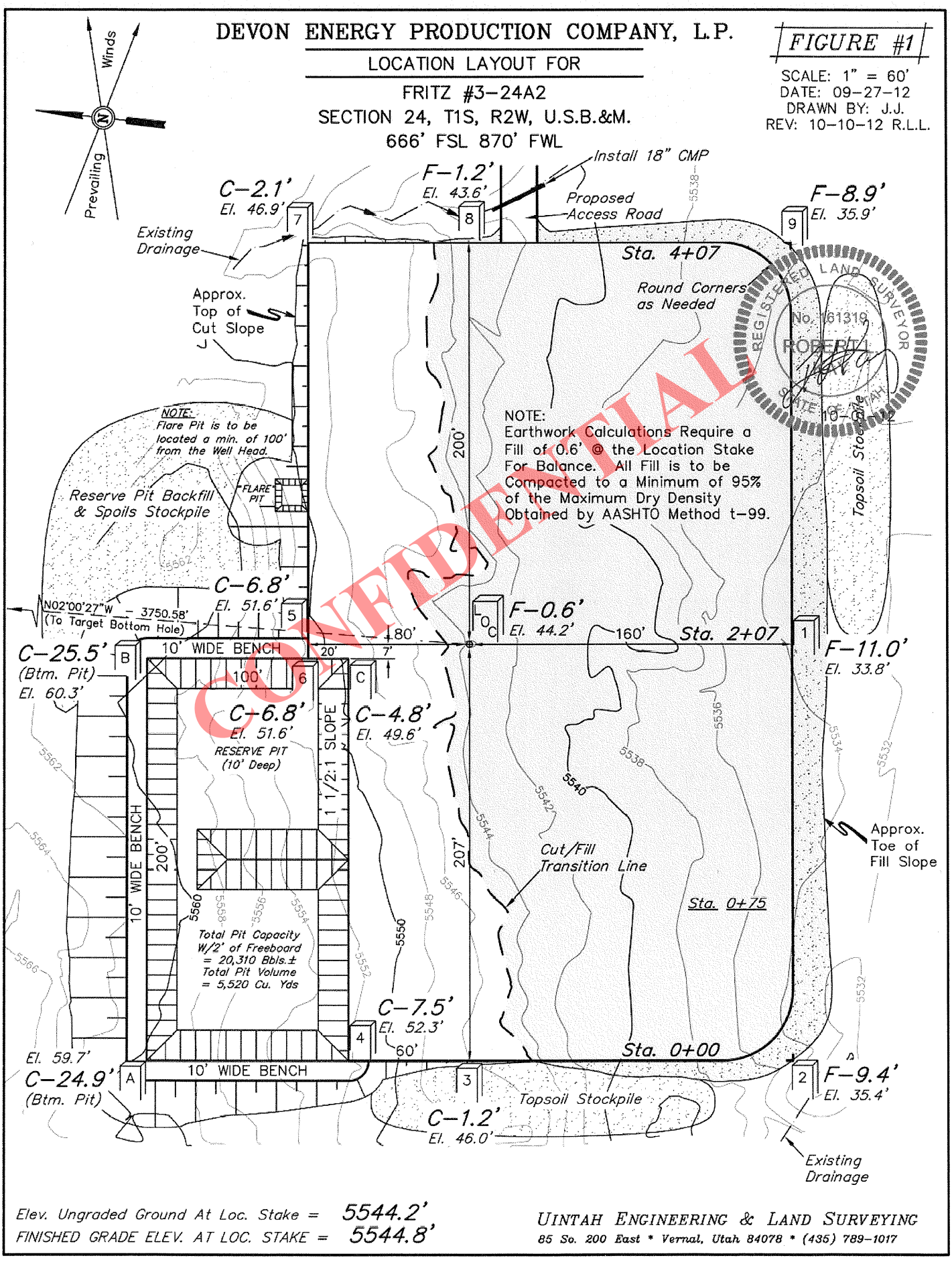
PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE — CAMERA ANGLE: SOUTHERLY

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS — CAMERA ANGLE: WESTERLY

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS	10 MONTH	01 DAY	12 YEAR	PHOTO
TAKEN BY: C.R.	DRAWN BY: C.I.	REVISED: 00-00-00		

RECEIVED: November 01, 2012



Elev. Ungraded Ground At Loc. Stake = 5544.2'
FINISHED GRADE ELEV. AT LOC. STAKE = 5544.8'

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RECEIVED: November 01, 2012

DEVON ENERGY PRODUCTION COMPANY, L.P.

FIGURE #2

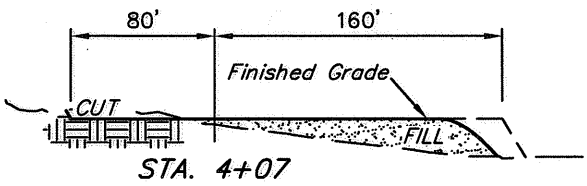
TYPICAL CROSS SECTIONS FOR

FRITZ #3-24A2
SECTION 24, T1S, R2W, U.S.B.&M.
666' FSL 870' FWL

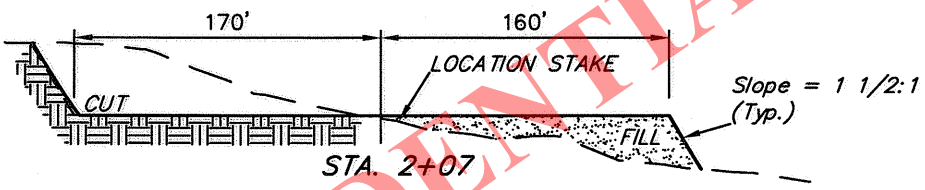
1" = 40' X-Section Scale
1" = 100'

DATE: 09-27-12
DRAWN BY: J.J.

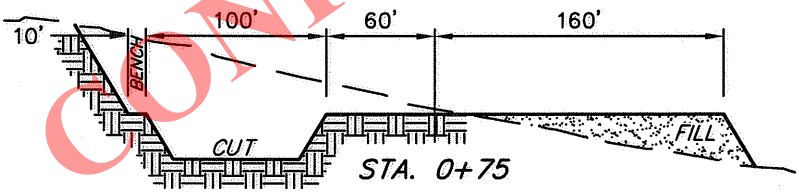
REGISTERED LAND SURVEYOR
No. 161319
ROBERT L.
STATE OF UTAH
10-01-12



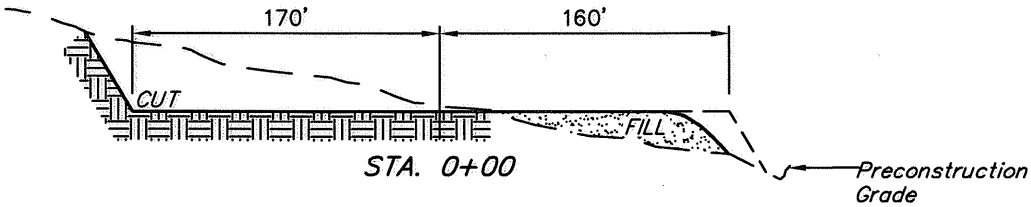
STA. 4+07



STA. 2+07



STA. 0+75



STA. 0+00

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 4.709 ACRES
ACCESS ROAD DISTURBANCE = ± 1.045 ACRES
PIPELINE DISTURBANCE = ± 1.360 ACRES
TOTAL = ± 7.114 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	2,710 Cu. Yds.
Remaining Location	=	20,320 Cu. Yds.
TOTAL CUT	=	23,030 CU. YDS.
FILL	=	17,560 CU. YDS.

EXCESS MATERIAL	=	5,470 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	5,470 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

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DEVON ENERGY PRODUCTION COMPANY, L.P.

TYPICAL RIG LAYOUT FOR

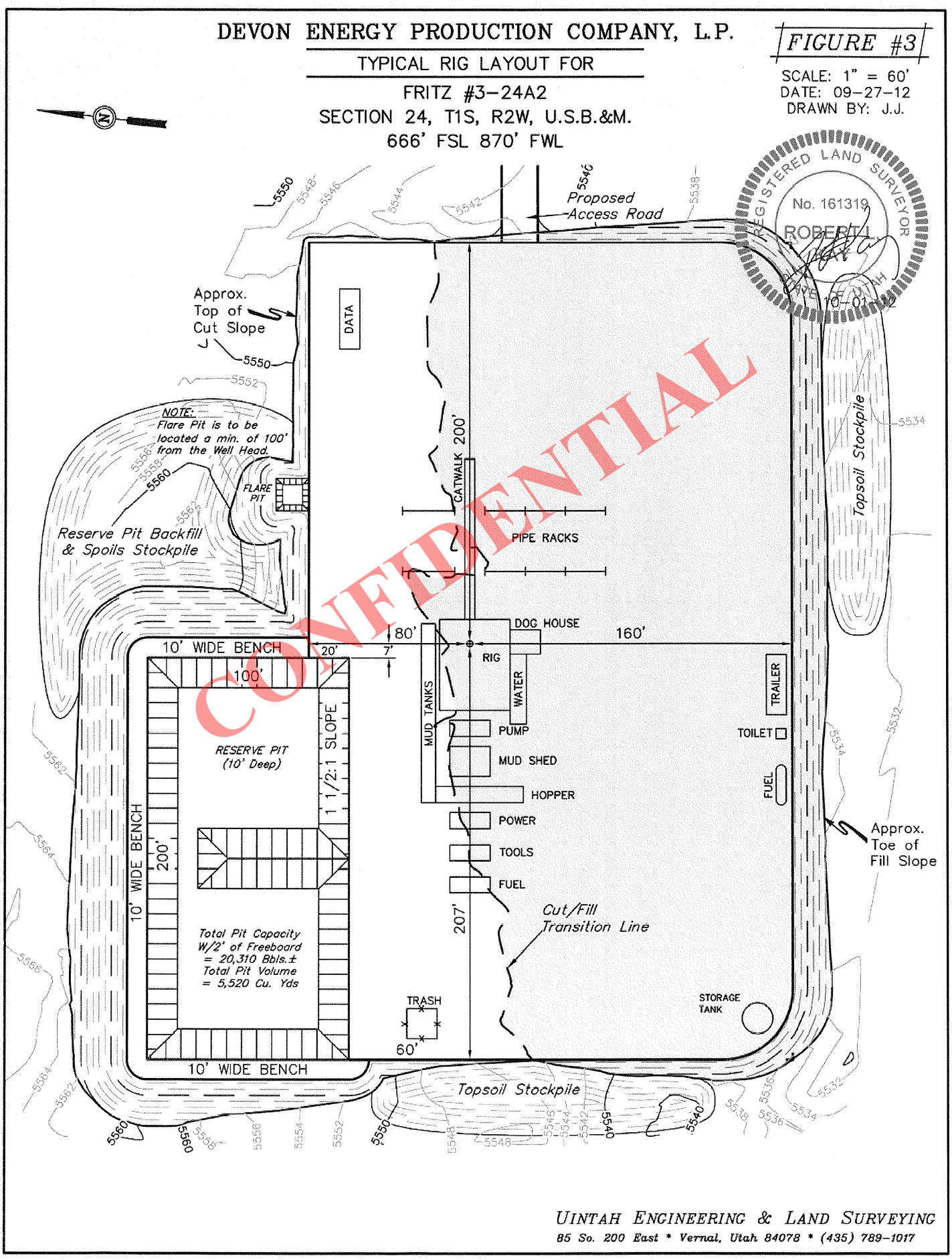
FRITZ #3-24A2

SECTION 24, T1S, R2W, U.S.B.&M.

666' FSL 870' FWL

FIGURE #3

SCALE: 1" = 60'
DATE: 09-27-12
DRAWN BY: J.J.



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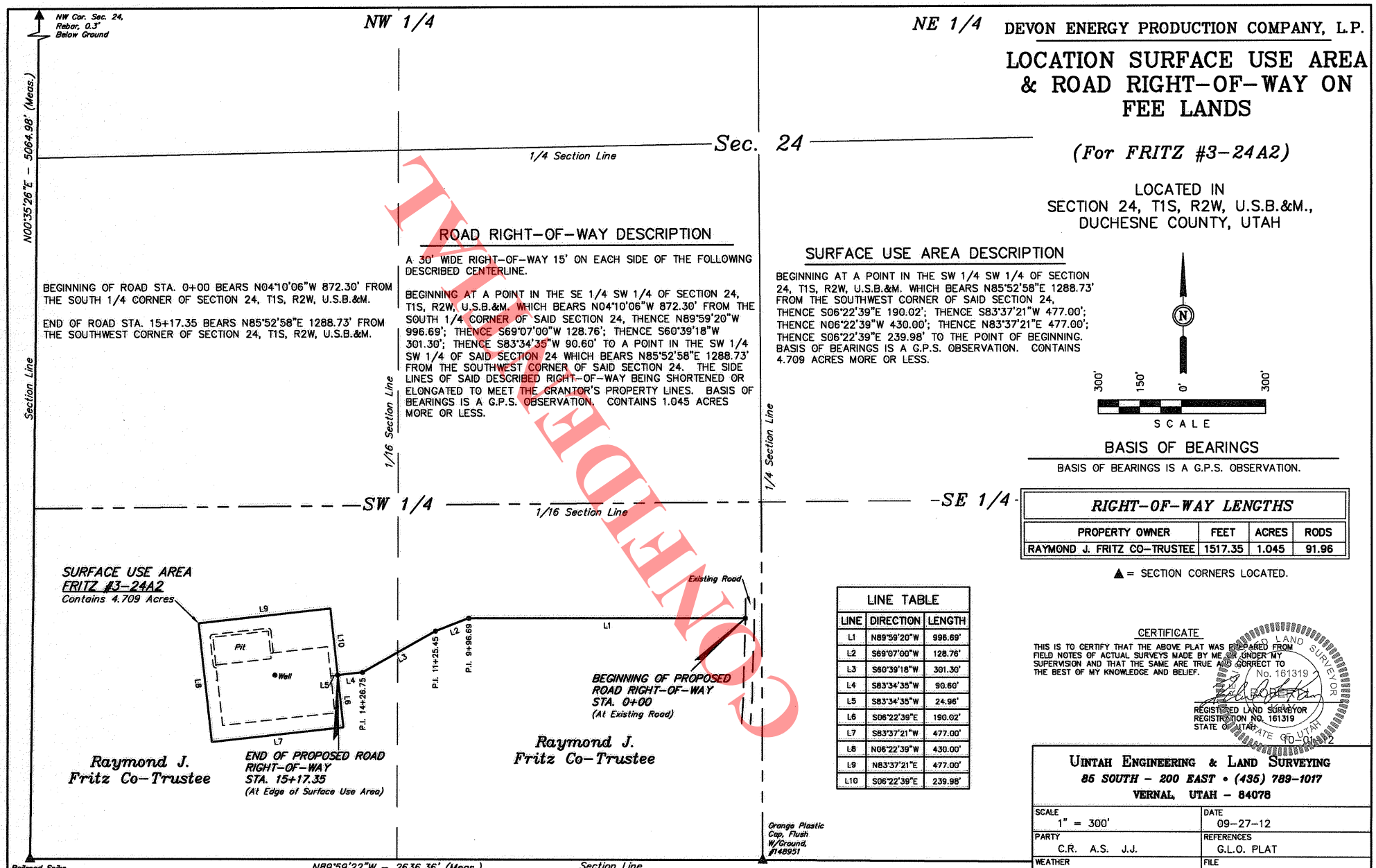
DEVON ENERGY PRODUCTION COMPANY, L.P.

LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS

(For FRITZ #3-24A2)

LOCATED IN
SECTION 24, T1S, R2W, U.S.B.&M.,
DUCHESNE COUNTY, UTAH



ROAD RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SE 1/4 SW 1/4 OF SECTION 24, T1S, R2W, U.S.B.&M. WHICH BEARS N04°10'06"W 872.30' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 24, THENCE N89°59'20"W 996.69'; THENCE S69°07'00"W 128.76'; THENCE S60°39'18"W 301.30'; THENCE S83°34'35"W 90.60' TO A POINT IN THE SW 1/4 SW 1/4 OF SAID SECTION 24 WHICH BEARS N85°52'58"E 1288.73' FROM THE SOUTHWEST CORNER OF SAID SECTION 24. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 1.045 ACRES MORE OR LESS.

BEGINNING OF ROAD STA. 0+00 BEARS N04°10'06"W 872.30' FROM THE SOUTH 1/4 CORNER OF SECTION 24, T1S, R2W, U.S.B.&M.

END OF ROAD STA. 15+17.35 BEARS N85°52'58"E 1288.73' FROM THE SOUTHWEST CORNER OF SECTION 24, T1S, R2W, U.S.B.&M.

SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE SW 1/4 SW 1/4 OF SECTION 24, T1S, R2W, U.S.B.&M. WHICH BEARS N85°52'58"E 1288.73' FROM THE SOUTHWEST CORNER OF SAID SECTION 24, THENCE S06°22'39"E 190.02'; THENCE S83°37'21"W 477.00'; THENCE N06°22'39"W 430.00'; THENCE N83°37'21"E 477.00'; THENCE S06°22'39"E 239.98' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 4.709 ACRES MORE OR LESS.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LINE TABLE

LINE	DIRECTION	LENGTH
L1	N89°59'20"W	996.69'
L2	S69°07'00"W	128.76'
L3	S60°39'18"W	301.30'
L4	S83°34'35"W	90.60'
L5	S83°34'35"W	24.96'
L6	S06°22'39"E	190.02'
L7	S83°37'21"W	477.00'
L8	N06°22'39"W	430.00'
L9	N83°37'21"E	477.00'
L10	S06°22'39"E	239.98'

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
RAYMOND J. FRITZ CO-TRUSTEE	1517.35	1.045	91.96

▲ = SECTION CORNERS LOCATED.

CERTIFICATE

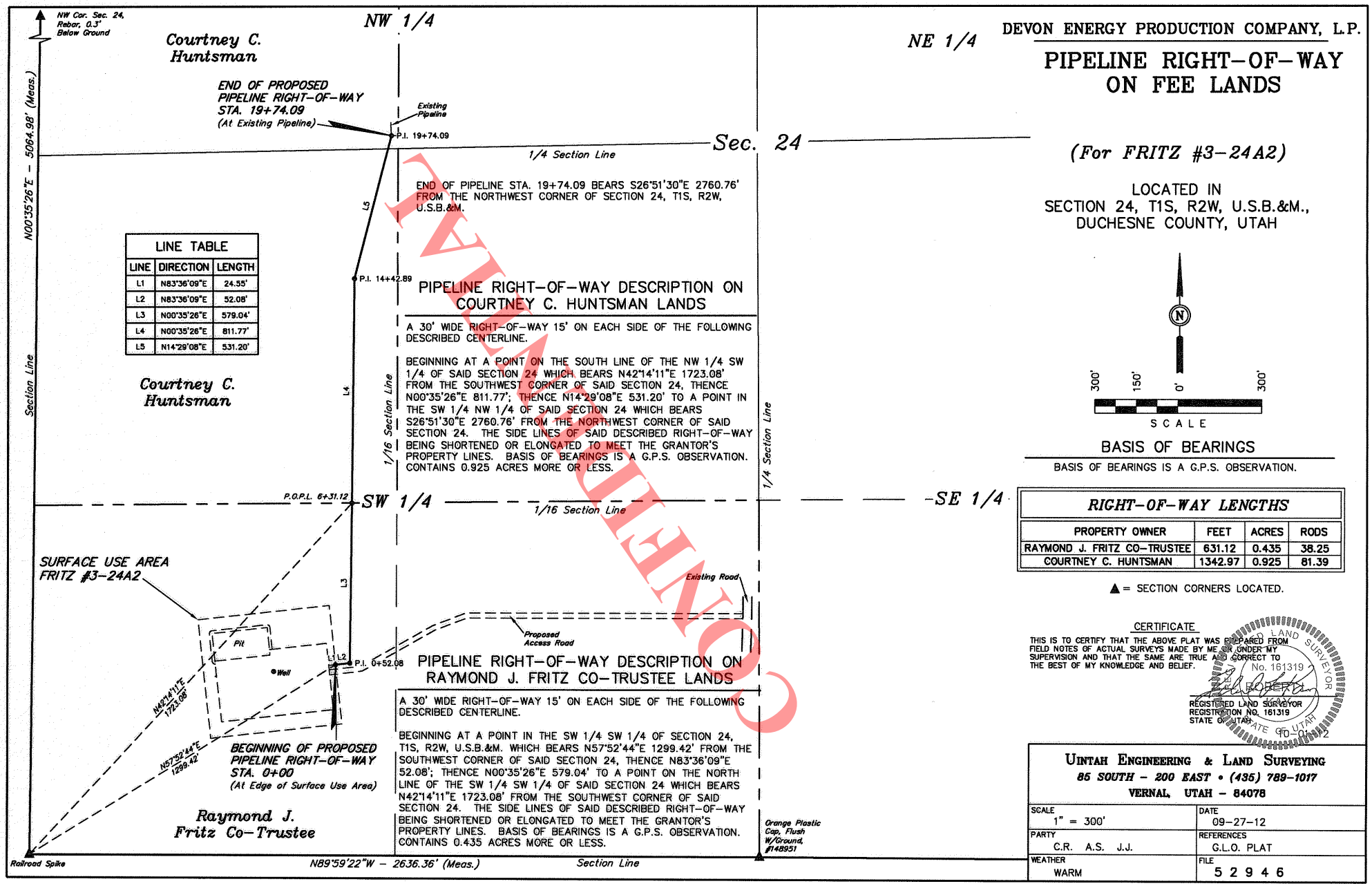
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

09-01-12

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE 1" = 300'	DATE 09-27-12
PARTY C.R. A.S. J.J.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 52945



DEVON ENERGY PRODUCTION COMPANY, L.P.

PIPELINE RIGHT-OF-WAY ON FEE LANDS

(For FRITZ #3-24A2)

LOCATED IN
SECTION 24, T1S, R2W, U.S.B.&M.,
DUCHESNE COUNTY, UTAH

300' 150' 0' 300'
SCALE

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
RAYMOND J. FRITZ CO-TRUSTEE	631.12	0.435	38.25
COURTNEY C. HUNTSMAN	1342.97	0.925	81.39

▲ = SECTION CORNERS LOCATED.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE 1" = 300'	DATE 09-27-12
PARTY C.R. A.S. J.J.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 52946

DEVON ENERGY PRODUCTION COMPANY L.P.

FRITZ #3-24A2

SECTION 24, T1S, R2W, U.S.B.&M.

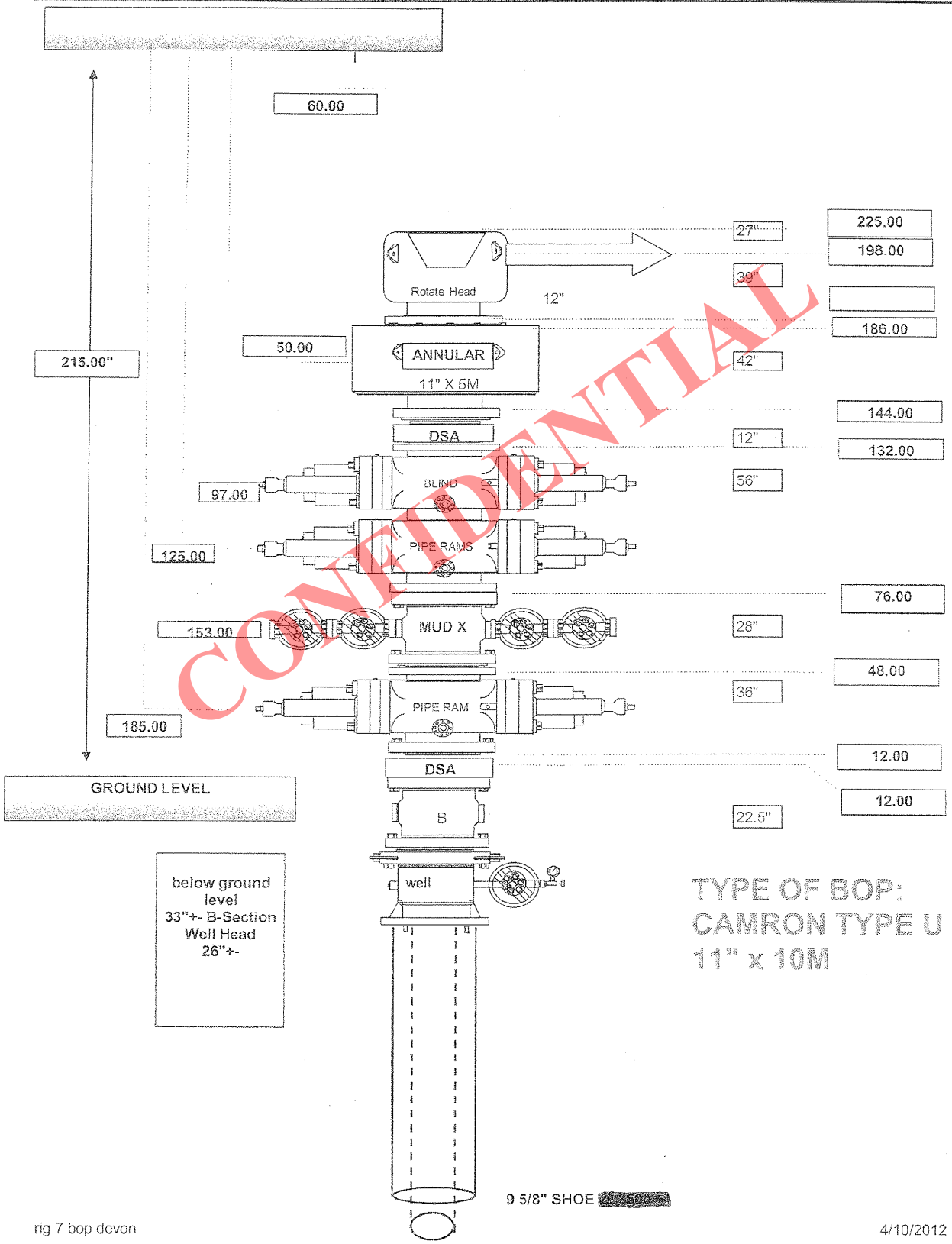
DUCHESNE COUNTY, UTAH

PROCEED IN A WESTERLY, THEN NORTHWESTERLY DIRECTION FROM ROOSEVELT, UTAH ALONG HIGHWAY 121 APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND 4000 NORTH TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 1.0 MILE TO THE JUNCTION OF THIS ROAD AND 3000 WEST TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 1.0 MILE TO THE JUNCTION OF THIS ROAD AND 5000 NORTH TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 1,542' TO THE PROPOSED LOCATION.

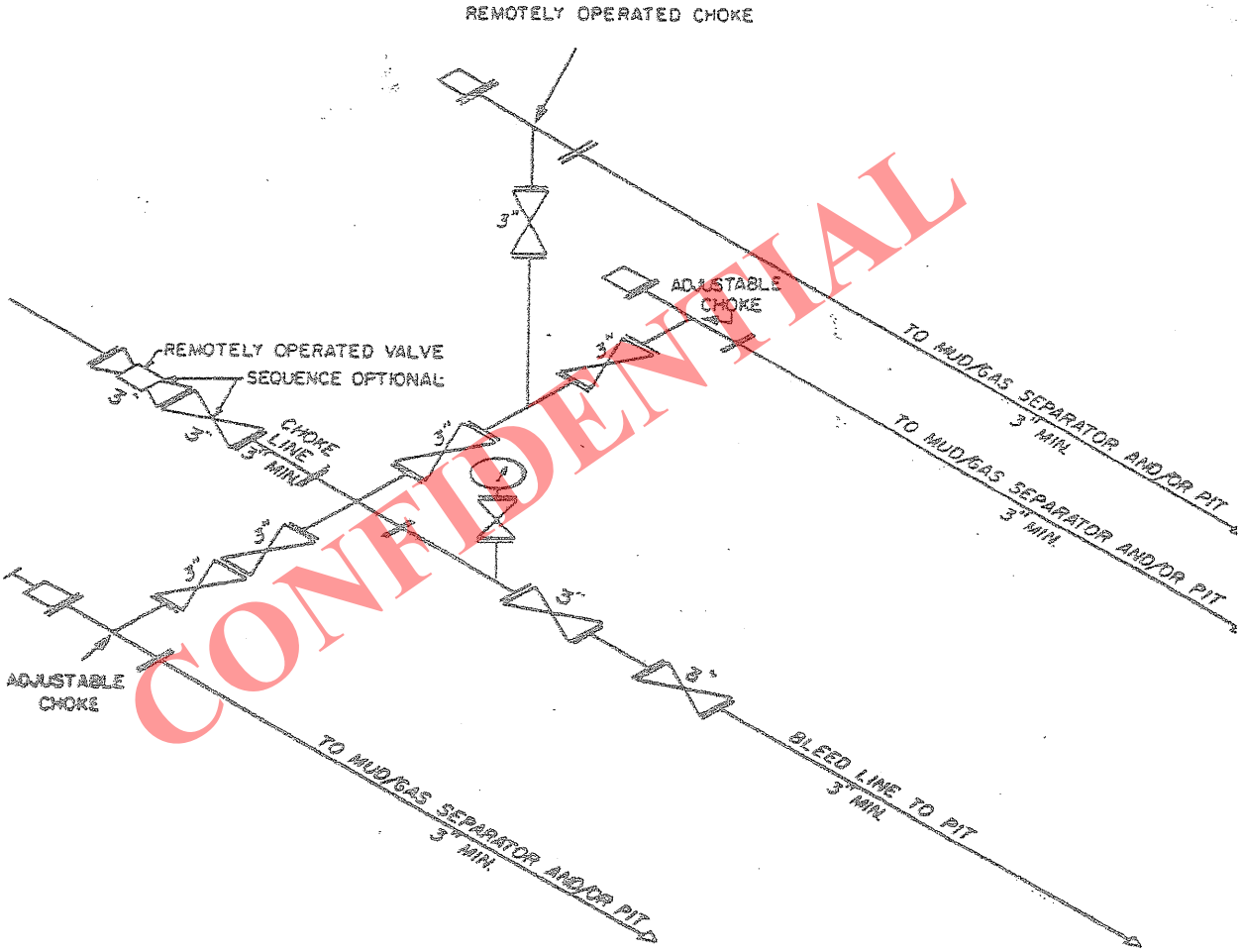
TOTAL DISTANCE FROM ROOSEVELT, UTAH TO THE PROPOSED LOCATION IS APPROXIMATELY 8.1 MILES.

RECEIVED: November 01, 2012

DEVON ENERGY	DRILLING PHASE BOP Stack Diagram 8 3/4" ~~9 7/8~~" HOLE SECTION	DATE: 6/3/12 Rig:Frontier Drilling Rig # 7



RECEIVED: November 01, 2012

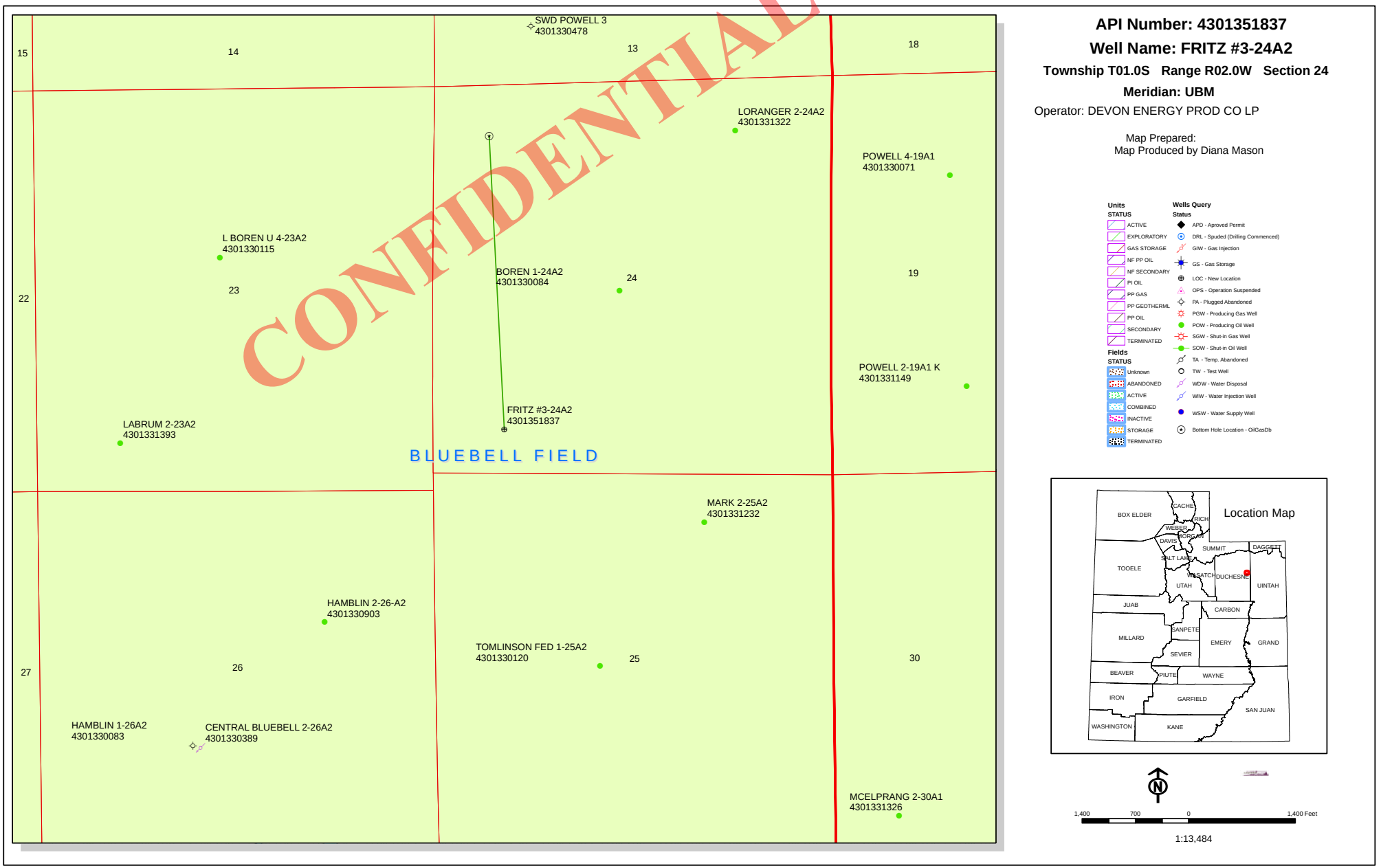


① ② 10M AND 15M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

Although not required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of manifolding the bleed lines together. When buffer tanks are employed, valves shall be installed upstream to isolate a failure or malfunction without interrupting flow control. Though not shown on 2M, 3M, 10M, or 15M drawings, it would also be applicable to those situations.

[FR Doc. 88-28387 Filed 12-8-88; 8:45 am]

API Well Number: 43013518370000



API Number: 4301351837

Well Name: FRITZ #3-24A2

Township T01.0S Range R02.0W Section 24

Meridian: UBM

Operator: DEVON ENERGY PROD CO LP

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well
Bottom Hole Location - OilGasDb

1:13,484

RECEIVED: December 07, 2012

AFFIDAVIT OF SURFACE DAMAGE
AND RIGHT-OF-WAY
SETTLEMENT AGREEMENT
FOR WELLSITE, ROAD AND PIPELINE
DEVON ENERGY PRODUCTION COMPANY, L.P., OPERATOR
Fritz 3-24A2
Duchesne County, Utah

STATE OF UTAH:

COUNTY OF DUCHESNE:

WHEREAS, the undersigned, Janet Wooldridge, (affiant), whose mailing address is Devon Energy Production Company, L.P., 333 West Sheridan Avenue, Oklahoma City, OK 73102, does hereby state the following facts:

That Devon Energy Production Company, L.P. entered into A Surface Damage and Right-of-Way Settlement Agreement dated October 29th, 2012, for the drilling of the Fritz 3-24A2 well on surface lands owned by Clara H. Fritz Co-Trustee of the Raymond J. Fritz and Clara H. Fritz Trust U/A dated 11/03/03, 5643 Cora Way, Taylorsville, UT 84129.

Lands covered by these Agreements include Section 24, Township 1 South, Range 2 West, USM, of Duchesne County, Utah.

NOW THEREFORE, the undersigned affiant, Janet Wooldridge, of lawful age, states the above facts are true and correct to the best of her knowledge. Signed this 27th day of November, 2012.

Janet Wooldridge

Janet Wooldridge, CPL
Land Advisor
Devon Energy Production Company, L.P.
333 West Sheridan Avenue
Oklahoma City, Oklahoma 73102

STATE OF OKLAHOMA:

COUNTY OF OKLAHOMA:

On the 27th day of November, 2012, Janet Wooldridge, personally appeared before me, who, being by me duly sworn, did state that she is a Land Advisor for Devon Energy Production Company, L.P. and that said instrument was signed on behalf of said corporation.

JO ANN KERRAN NOTARY PUBLIC # 07000976 EXP. 01/26/15 STATE OF OKLAHOMA

Jo Ann Kerran
Notary Public

My Commission Expires:
01/26/2015

DEVON ENERGY PRODUCTION COMPANY, L.P.

LOCATION SURFACE USE AREA & ROAD RIGHT-OF-WAY ON FEE LANDS

(For FRITZ #3-24A2)

LOCATED IN
SECTION 24, T1S, R2W, U.S.B.&M.,
DUCHESNE COUNTY, UTAH

NW Cor. Sec. 24, Rebar, 0.3' Below Ground

NW 1/4 | NE 1/4

N00°35'26"E – 5064.98' (Meas.)

Section Line

Sec. 24

1/4 Section Line

1/16 Section Line

1/4 Section Line

SW 1/4 | SE 1/4

1/16 Section Line

ROAD RIGHT-OF-WAY DESCRIPTION

BEGINNING OF ROAD STA. 0+00 BEARS N89°38'57"W 1304.09' FROM THE SOUTH 1/4 CORNER OF SECTION 24, T1S, R2W, U.S.B.&M.

END OF ROAD STA. 8+14.32 BEARS N58°52'58"E 1288.73' FROM THE SOUTHWEST CORNER OF SECTION 24, T1S, R2W, U.S.B.&M.

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SE 1/4 SW 1/4 OF SECTION 24, T1S, R2W, U.S.B.&M. WHICH BEARS N89°38'57"W 1304.09' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 24, THENCE N00°06'09"W 465.55'; THENCE N24°25'01"W 169.18'; THENCE N34°41'00"W 44.23'; THENCE N73°39'08"W 44.39'; THENCE S83°43'07"W 90.97' TO A POINT IN THE SW 1/4 SW 1/4 OF SAID SECTION 24 WHICH BEARS N58°52'58"E 1288.73' FROM THE SOUTHWEST CORNER OF SAID SECTION 24. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.561 ACRES MORE OR LESS.

SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE SW 1/4 SW 1/4 OF SECTION 24, T1S, R2W, U.S.B.&M. WHICH BEARS N58°52'58"E 1288.73' FROM THE SOUTHWEST CORNER OF SAID SECTION 24, THENCE S06°22'39"E 190.02'; THENCE S83°37'21"W 477.00'; THENCE N06°22'39"W 430.00'; THENCE N83°37'21"E 477.00'; THENCE S06°22'39"E 239.98' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 4.709 ACRES MORE OR LESS.

N

300' 150' 0' 300'

SCALE

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

SURFACE USE AREA
FRITZ #3-24A2
Contains 4.709 Acres

Pit
Well
L10
L11
L9
L6
L5
L4
L7
L2
L8
P.I. 7+23.35
P.I. 6+78.96
P.I. 6+34.73
P.I. 4+65.55

Raymond J. Fritz Co-Trustee

END OF PROPOSED ROAD RIGHT-OF-WAY STA. 8+14.32 (At Edge of Surface Use Area)

Raymond J. Fritz Co-Trustee

BEGINNING OF PROPOSED ROAD RIGHT-OF-WAY STA. 0+00 (At Existing Road)

Existing Road

Railroad Spike

N89°59'22"W – 2636.36' (Meas.)

Section Line

Orange Plastic Cap, Flush W/Ground, #148951

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N00°06'09"W	465.55'
L2	N24°25'01"W	169.18'
L3	N34°41'00"W	44.23'
L4	N73°39'08"W	44.39'
L5	S83°43'07"W	90.97'
L6	S83°34'35"W	24.96'
L7	S06°22'39"E	190.02'
L8	S83°37'21"W	477.00'
L9	N06°22'39"W	430.00'
L10	N83°37'21"E	477.00'
L11	S06°22'39"E	239.98'

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
RAYMOND J. FRITZ CO-TRUSTEE	814.32	0.561	49.35

▲ = SECTION CORNERS LOCATED.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

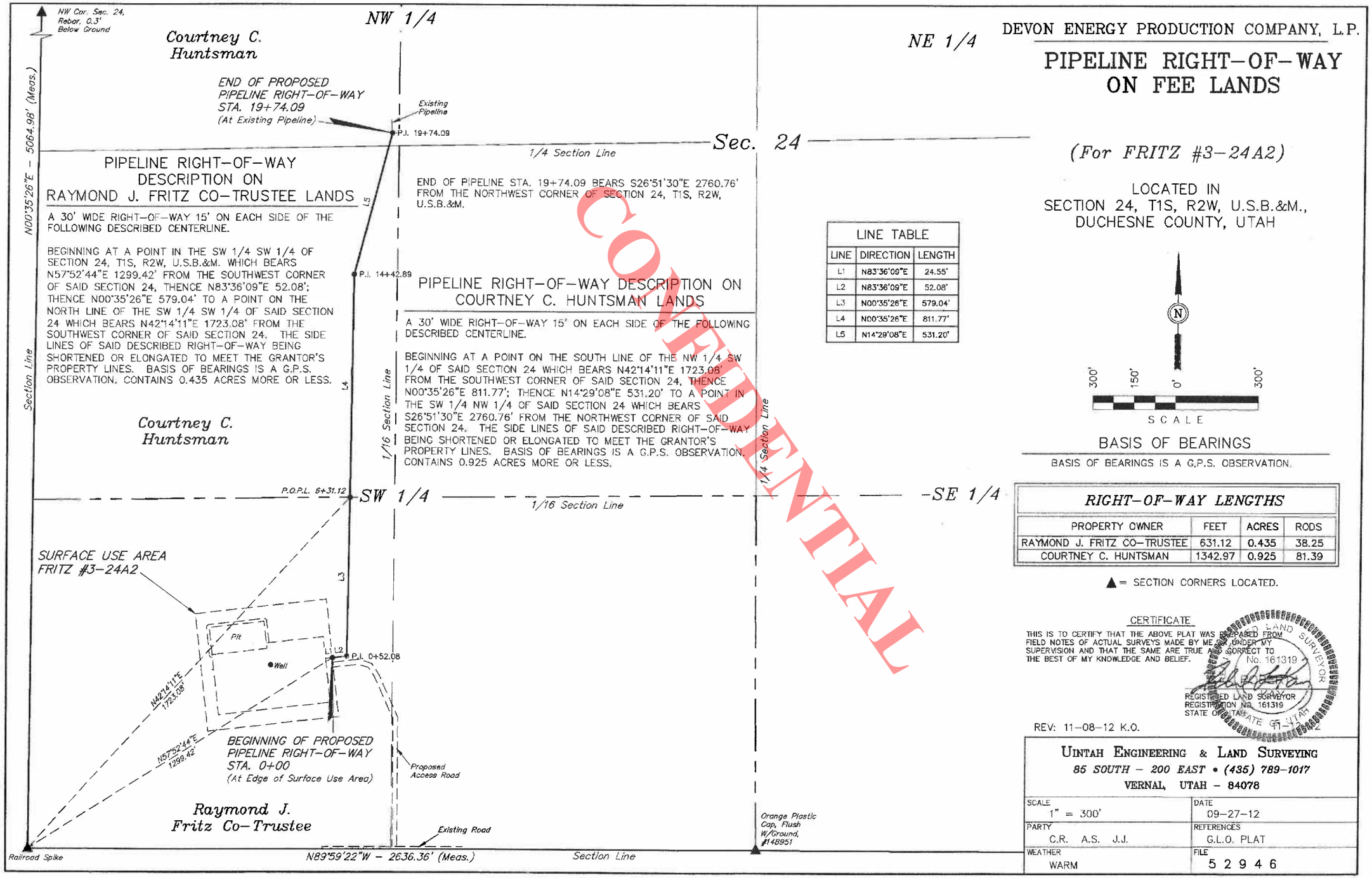
REGISTERED LAND SURVEYOR No. 161319 STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REV: 11-08-12 K.O.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH – 200 EAST • (435) 789-1017
VERNAL, UTAH – 84078

SCALE	DATE
1" = 300'	09-27-12
PARTY	REFERENCES
C.R. A.S. J.J.	G.L.O. PLAT
WEATHER	FILE
WARM	52945



DEVON ENERGY PRODUCTION COMPANY, L.P.

PIPELINE RIGHT-OF-WAY ON FEE LANDS

(For FRITZ #3-24A2)

LOCATED IN
SECTION 24, T1S, R2W, U.S.B.&M.,
DUCHESNE COUNTY, UTAH

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N83°36'09"E	24.55'
L2	N83°36'09"E	52.08'
L3	N00°35'26"E	579.04'
L4	N00°35'26"E	811.77'
L5	N14°29'08"E	531.20'

SCALE: 300' 150' 0' 300'

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
RAYMOND J. FRITZ CO-TRUSTEE	631.12	0.435	38.25
COURTNEY C. HUNTSMAN	1342.97	0.925	81.39

▲ = SECTION CORNERS LOCATED.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH

REV: 11-08-12 K.O.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE 1" = 300'	DATE 09-27-12
PARTY C.R. A.S. J.J.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE 52946

API Well Number: 43013518370000

DEVON ENERGY

Project: Duchesne County, UT (NAD-83)
Site: Fritz
Well: 3-24A2
Wellbore: OH
Design: Plan #2

Azimuths to True North
Magnetic North: 11.19°

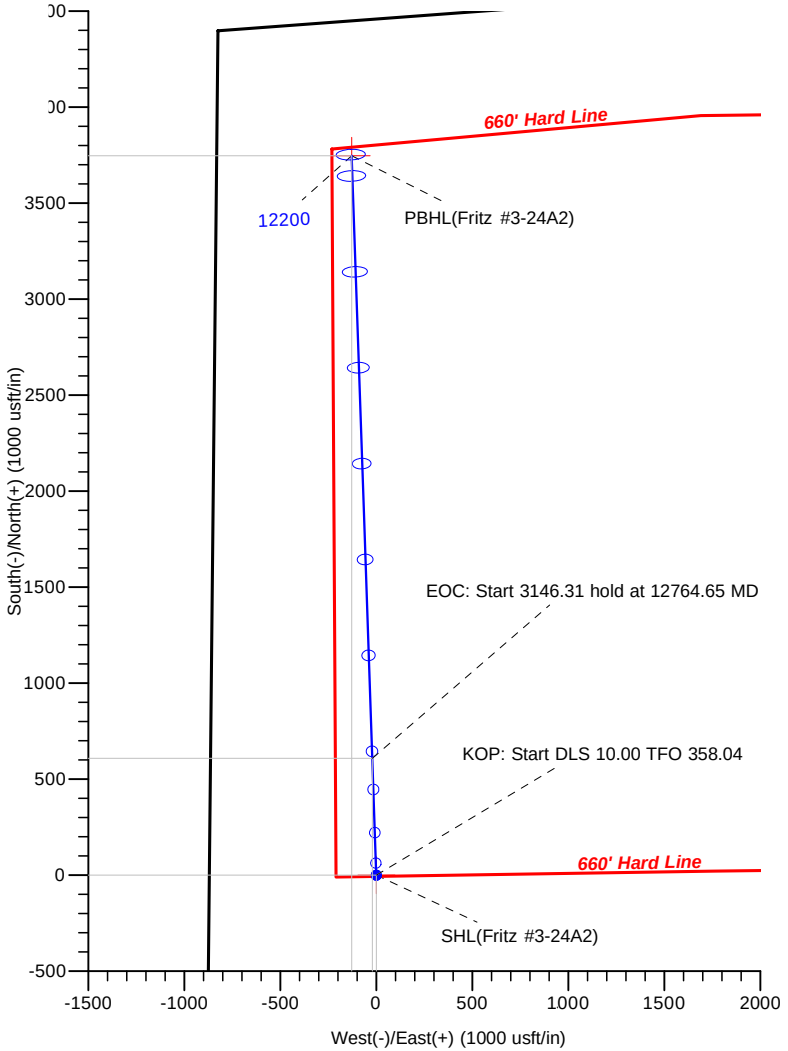
Magnetic Field
Strength: 52313.0snT
Dip Angle: 66.03°
Date: 10/31/2012
Model: IGRF2010

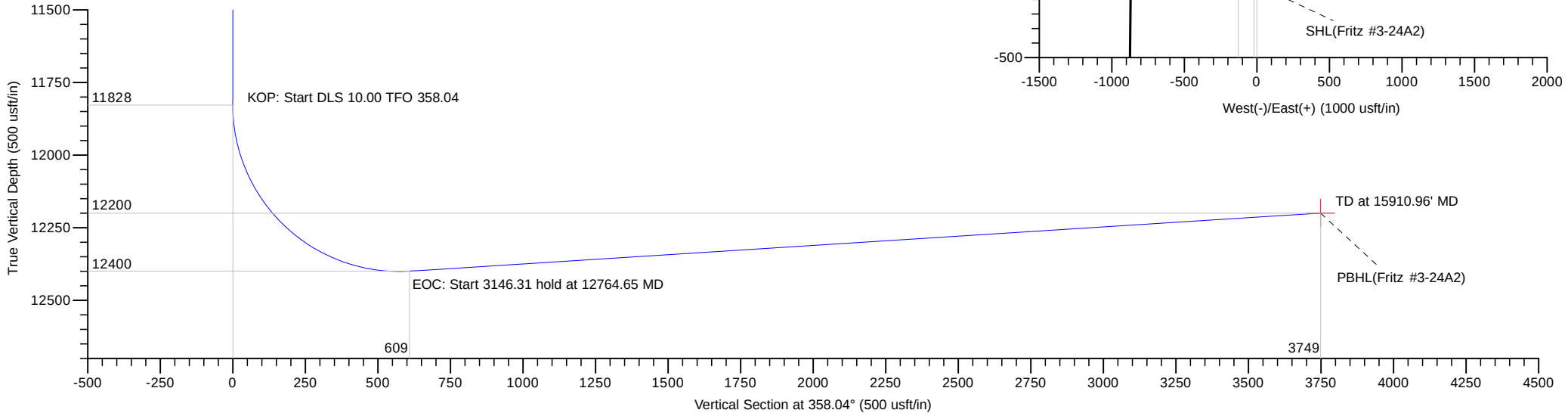
DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
SHL(Fritz #3-24A2)	0.00	0.00	0.00	7309043.28	2040374.21	40° 22' 35.030 N	110° 3' 51.680 W
PBHL(Fritz #3-24A2)	12200.00	3747.13	-128.45	7312787.86	2040185.64	40° 23' 12.060 N	110° 3' 53.340 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	11828.20	0.00	0.00	11828.20	0.00	0.00	0.00	0.00	0.00	KOP: Start DLS 10.00 TFO 358.04
3	12764.65	93.64	358.04	12400.00	609.02	-20.88	10.00	358.04	609.38	EOC: Start 3146.31 hold at 12764.65 MD
4	15910.96	93.64	358.04	12200.00	3747.13	-128.45	0.00	0.00	3749.33	TD at 15910.96' MD





LEAM Drilling Systems LLC

LEAM DRILLING SYSTEMS LLC
2010 East Davis, Conroe, Texas 77301
Phone: 936/756-7577, Fax 936/756-7595

Plan: Plan #2 (3-24A2/OH)
Fritz
Created By: Tyler Carlson Date: 10:56, February 27 2013
Approved: Date:

RECEIVED: January 14, 2013

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 3-24A2
Company:	DEVON ENERGY	**TVD Reference:**	GE 5545' + KB 22' @ 5567.00usft (Permitting)
Project:	Duchesne County, UT (NAD-83)	**MD Reference:**	GE 5545' + KB 22' @ 5567.00usft (Permitting)
Site:	Fritz	**North Reference:**	True
Well:	3-24A2	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

Project	Duchesne County, UT (NAD-83)		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Fritz				
Site Position:		**Northing:**	7,309,043.28 usft	**Latitude:**	40° 22' 35.030 N
From:	Lat/Long	**Easting:**	2,040,374.21 usft	**Longitude:**	110° 3' 51.680 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.92 °

Well	3-24A2				
Well Position	**+N/-S** 0.00 usft	**Northing:**	7,309,043.28 usft	**Latitude:**	40° 22' 35.030 N
	+E/-W 0.00 usft	**Easting:**	2,040,374.21 usft	**Longitude:**	110° 3' 51.680 W
Position Uncertainty	0.00 usft	**Wellhead Elevation:**		**Ground Level:**	5,545.00 usft

Wellbore	OH			
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	10/31/12	11.19	66.03	52,313

Design	Plan #2			
Audit Notes:				
Version:	**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.00	0.00	0.00	358.04

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11,828.20	0.00	0.00	11,828.20	0.00	0.00	0.00	0.00	0.00	0.00	
12,764.65	93.64	358.04	12,400.00	609.02	-20.88	10.00	10.00	-0.21	358.04	
15,910.96	93.64	358.04	12,200.00	3,747.13	-128.45	0.00	0.00	0.00	0.00	PBHL(Fritz #3-24A2)

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 3-24A2
Company:	DEVON ENERGY	**TVD Reference:**	GE 5545' + KB 22' @ 5567.00usft (Permitting)
Project:	Duchesne County, UT (NAD-83)	**MD Reference:**	GE 5545' + KB 22' @ 5567.00usft (Permitting)
Site:	Fritz	**North Reference:**	True
Well:	3-24A2	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00

LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 3-24A2
Company:	DEVON ENERGY	**TVD Reference:**	GE 5545' + KB 22' @ 5567.00usft (Permitting)
Project:	Duchesne County, UT (NAD-83)	**MD Reference:**	GE 5545' + KB 22' @ 5567.00usft (Permitting)
Site:	Fritz	**North Reference:**	True
Well:	3-24A2	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,730.00	0.00	0.00	6,730.00	0.00	0.00	0.00	0.00	0.00	0.00
Upper Green River									
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00
8,700.00	0.00	0.00	8,700.00	0.00	0.00	0.00	0.00	0.00	0.00
8,800.00	0.00	0.00	8,800.00	0.00	0.00	0.00	0.00	0.00	0.00
8,900.00	0.00	0.00	8,900.00	0.00	0.00	0.00	0.00	0.00	0.00
9,000.00	0.00	0.00	9,000.00	0.00	0.00	0.00	0.00	0.00	0.00
9,100.00	0.00	0.00	9,100.00	0.00	0.00	0.00	0.00	0.00	0.00
9,200.00	0.00	0.00	9,200.00	0.00	0.00	0.00	0.00	0.00	0.00
9,300.00	0.00	0.00	9,300.00	0.00	0.00	0.00	0.00	0.00	0.00
9,400.00	0.00	0.00	9,400.00	0.00	0.00	0.00	0.00	0.00	0.00
9,500.00	0.00	0.00	9,500.00	0.00	0.00	0.00	0.00	0.00	0.00
9,517.00	0.00	0.00	9,517.00	0.00	0.00	0.00	0.00	0.00	0.00
Lower Green River									
9,600.00	0.00	0.00	9,600.00	0.00	0.00	0.00	0.00	0.00	0.00
9,700.00	0.00	0.00	9,700.00	0.00	0.00	0.00	0.00	0.00	0.00
9,800.00	0.00	0.00	9,800.00	0.00	0.00	0.00	0.00	0.00	0.00
9,900.00	0.00	0.00	9,900.00	0.00	0.00	0.00	0.00	0.00	0.00

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LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 3-24A2
Company:	DEVON ENERGY	**TVD Reference:**	GE 5545' + KB 22' @ 5567.00usft (Permitting)
Project:	Duchesne County, UT (NAD-83)	**MD Reference:**	GE 5545' + KB 22' @ 5567.00usft (Permitting)
Site:	Fritz	**North Reference:**	True
Well:	3-24A2	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,000.00	0.00	0.00	10,000.00	0.00	0.00	0.00	0.00	0.00	0.00
10,100.00	0.00	0.00	10,100.00	0.00	0.00	0.00	0.00	0.00	0.00
10,200.00	0.00	0.00	10,200.00	0.00	0.00	0.00	0.00	0.00	0.00
10,300.00	0.00	0.00	10,300.00	0.00	0.00	0.00	0.00	0.00	0.00
10,400.00	0.00	0.00	10,400.00	0.00	0.00	0.00	0.00	0.00	0.00
10,500.00	0.00	0.00	10,500.00	0.00	0.00	0.00	0.00	0.00	0.00
10,600.00	0.00	0.00	10,600.00	0.00	0.00	0.00	0.00	0.00	0.00
10,624.00	0.00	0.00	10,624.00	0.00	0.00	0.00	0.00	0.00	0.00
Wasatch									
10,700.00	0.00	0.00	10,700.00	0.00	0.00	0.00	0.00	0.00	0.00
10,800.00	0.00	0.00	10,800.00	0.00	0.00	0.00	0.00	0.00	0.00
10,900.00	0.00	0.00	10,900.00	0.00	0.00	0.00	0.00	0.00	0.00
11,000.00	0.00	0.00	11,000.00	0.00	0.00	0.00	0.00	0.00	0.00
11,100.00	0.00	0.00	11,100.00	0.00	0.00	0.00	0.00	0.00	0.00
11,200.00	0.00	0.00	11,200.00	0.00	0.00	0.00	0.00	0.00	0.00
11,300.00	0.00	0.00	11,300.00	0.00	0.00	0.00	0.00	0.00	0.00
11,400.00	0.00	0.00	11,400.00	0.00	0.00	0.00	0.00	0.00	0.00
11,500.00	0.00	0.00	11,500.00	0.00	0.00	0.00	0.00	0.00	0.00
11,600.00	0.00	0.00	11,600.00	0.00	0.00	0.00	0.00	0.00	0.00
11,700.00	0.00	0.00	11,700.00	0.00	0.00	0.00	0.00	0.00	0.00
11,800.00	0.00	0.00	11,800.00	0.00	0.00	0.00	0.00	0.00	0.00
11,828.20	0.00	0.00	11,828.20	0.00	0.00	0.00	0.00	0.00	0.00
KOP: Start DLS 10.00 TFO 358.04									
11,850.00	2.18	358.04	11,850.00	0.41	-0.01	0.41	10.00	10.00	0.00
11,900.00	7.18	358.04	11,899.81	4.49	-0.15	4.49	10.00	10.00	0.00
11,950.00	12.18	358.04	11,949.08	12.89	-0.44	12.90	10.00	10.00	0.00
12,000.00	17.18	358.04	11,997.44	25.55	-0.88	25.56	10.00	10.00	0.00
12,050.00	22.18	358.04	12,044.50	42.37	-1.45	42.40	10.00	10.00	0.00
12,100.00	27.18	358.04	12,089.92	63.23	-2.17	63.27	10.00	10.00	0.00
12,150.00	32.18	358.04	12,133.35	87.97	-3.02	88.02	10.00	10.00	0.00
12,200.00	37.18	358.04	12,174.45	116.39	-3.99	116.46	10.00	10.00	0.00
12,250.00	42.18	358.04	12,212.92	148.29	-5.08	148.37	10.00	10.00	0.00
12,300.00	47.18	358.04	12,248.46	183.41	-6.29	183.52	10.00	10.00	0.00
12,350.00	52.18	358.04	12,280.80	221.50	-7.59	221.63	10.00	10.00	0.00
12,400.00	57.18	358.04	12,309.70	262.26	-8.99	262.41	10.00	10.00	0.00
12,450.00	62.18	358.04	12,334.93	305.38	-10.47	305.56	10.00	10.00	0.00
12,500.00	67.18	358.04	12,356.31	350.54	-12.02	350.74	10.00	10.00	0.00
12,550.00	72.18	358.04	12,373.67	397.38	-13.62	397.62	10.00	10.00	0.00
12,600.00	77.18	358.04	12,386.88	445.56	-15.27	445.82	10.00	10.00	0.00
12,650.00	82.18	358.04	12,395.83	494.71	-16.96	495.00	10.00	10.00	0.00
12,700.00	87.18	358.04	12,400.46	544.45	-18.66	544.77	10.00	10.00	0.00
12,750.00	92.18	358.04	12,400.74	594.40	-20.38	594.75	10.00	10.00	0.00
12,764.65	93.64	358.04	12,400.00	609.02	-20.88	609.38	10.00	10.00	0.00
EOC: Start 3146.31 hold at 12764.65 MD									
12,800.00	93.64	358.04	12,397.75	644.28	-22.09	644.66	0.00	0.00	0.00
12,900.00	93.64	358.04	12,391.40	744.02	-25.50	744.46	0.00	0.00	0.00
13,000.00	93.64	358.04	12,385.04	843.76	-28.92	844.26	0.00	0.00	0.00
13,100.00	93.64	358.04	12,378.68	943.50	-32.34	944.06	0.00	0.00	0.00
13,200.00	93.64	358.04	12,372.33	1,043.24	-35.76	1,043.85	0.00	0.00	0.00
13,300.00	93.64	358.04	12,365.97	1,142.98	-39.18	1,143.65	0.00	0.00	0.00
13,400.00	93.64	358.04	12,359.61	1,242.72	-42.60	1,243.45	0.00	0.00	0.00

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LEAM Drilling Systems LLC

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Well 3-24A2
Company:	DEVON ENERGY	**TVD Reference:**	GE 5545' + KB 22' @ 5567.00usft (Permitting)
Project:	Duchesne County, UT (NAD-83)	**MD Reference:**	GE 5545' + KB 22' @ 5567.00usft (Permitting)
Site:	Fritz	**North Reference:**	True
Well:	3-24A2	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,500.00	93.64	358.04	12,353.26	1,342.46	-46.02	1,343.25	0.00	0.00	0.00
13,600.00	93.64	358.04	12,346.90	1,442.20	-49.44	1,443.04	0.00	0.00	0.00
13,700.00	93.64	358.04	12,340.54	1,541.94	-52.86	1,542.84	0.00	0.00	0.00
13,800.00	93.64	358.04	12,334.19	1,641.68	-56.27	1,642.64	0.00	0.00	0.00
13,900.00	93.64	358.04	12,327.83	1,741.41	-59.69	1,742.44	0.00	0.00	0.00
14,000.00	93.64	358.04	12,321.47	1,841.15	-63.11	1,842.23	0.00	0.00	0.00
14,100.00	93.64	358.04	12,315.12	1,940.89	-66.53	1,942.03	0.00	0.00	0.00
14,200.00	93.64	358.04	12,308.76	2,040.63	-69.95	2,041.83	0.00	0.00	0.00
14,300.00	93.64	358.04	12,302.40	2,140.37	-73.37	2,141.63	0.00	0.00	0.00
14,400.00	93.64	358.04	12,296.05	2,240.11	-76.79	2,241.43	0.00	0.00	0.00
14,500.00	93.64	358.04	12,289.69	2,339.85	-80.21	2,341.22	0.00	0.00	0.00
14,600.00	93.64	358.04	12,283.33	2,439.59	-83.63	2,441.02	0.00	0.00	0.00
14,700.00	93.64	358.04	12,276.98	2,539.33	-87.05	2,540.82	0.00	0.00	0.00
14,800.00	93.64	358.04	12,270.62	2,639.07	-90.46	2,640.62	0.00	0.00	0.00
14,900.00	93.64	358.04	12,264.26	2,738.81	-93.88	2,740.41	0.00	0.00	0.00
15,000.00	93.64	358.04	12,257.91	2,838.55	-97.30	2,840.21	0.00	0.00	0.00
15,100.00	93.64	358.04	12,251.55	2,938.28	-100.72	2,940.01	0.00	0.00	0.00
15,200.00	93.64	358.04	12,245.19	3,038.02	-104.14	3,039.81	0.00	0.00	0.00
15,300.00	93.64	358.04	12,238.84	3,137.76	-107.56	3,139.61	0.00	0.00	0.00
15,400.00	93.64	358.04	12,232.48	3,237.50	-110.98	3,239.40	0.00	0.00	0.00
15,500.00	93.64	358.04	12,226.12	3,337.24	-114.40	3,339.20	0.00	0.00	0.00
15,600.00	93.64	358.04	12,219.77	3,436.98	-117.82	3,439.00	0.00	0.00	0.00
15,700.00	93.64	358.04	12,213.41	3,536.72	-121.24	3,538.80	0.00	0.00	0.00
15,800.00	93.64	358.04	12,207.05	3,636.46	-124.65	3,638.59	0.00	0.00	0.00
15,900.00	93.64	358.04	12,200.70	3,736.20	-128.07	3,738.39	0.00	0.00	0.00
15,910.96	93.64	358.04	12,200.00	3,747.13	-128.45	3,749.33	0.00	0.00	0.00
TD at 15910.96' MD									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
SHL(Fritz #3-24A2) - plan hits target center - Point	0.00	0.00	0.00	0.00	0.00	7,309,043.28	2,040,374.21	40° 22' 35.030 N	110° 3' 51.680 W
PBHL(Fritz #3-24A2) - plan hits target center - Point	0.00	0.00	12,200.00	3,747.13	-128.45	7,312,787.87	2,040,185.63	40° 23' 12.060 N	110° 3' 53.340 W

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
6,730.00	6,730.00	Upper Green River		0.00	
9,517.00	9,517.00	Lower Green River		0.00	
10,624.00	10,624.00	Wasatch		0.00	

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Planning Report

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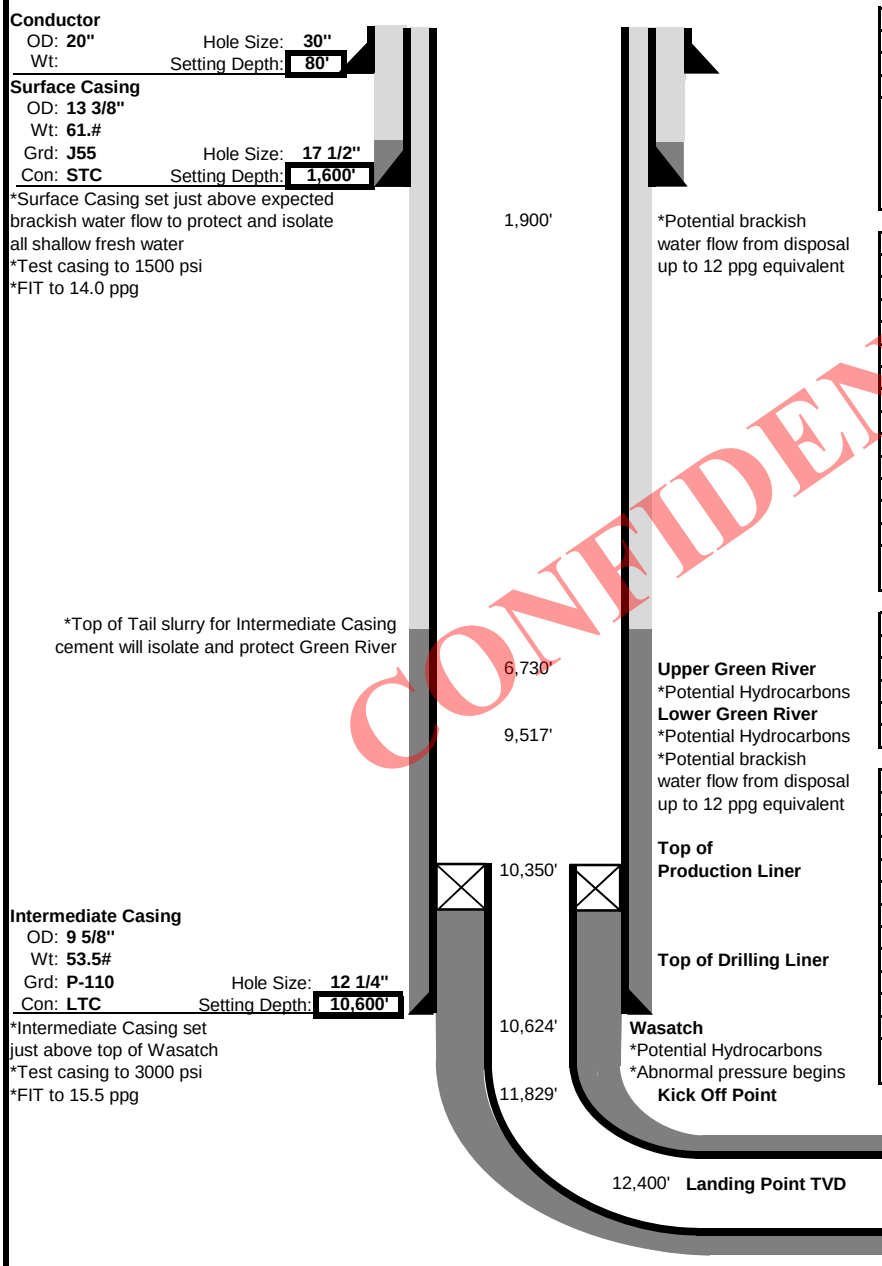
Project:	Duchesne County, UT (NAD-83)	**MD Reference:**	GE 5545' + KB 22' @ 5567.00usft (Permitting)
Site:	Fritz	**North Reference:**	True
Well:	3-24A2	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
Design:	Plan #2		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
11,828.20	11,828.20	0.00	0.00	KOP: Start DLS 10.00 TFO 358.04
12,764.65	12,400.00	609.02	-20.88	EOC: Start 3146.31 hold at 12764.65 MD
15,910.96	12,200.00	3,747.13	-128.45	TD at 15910.96' MD

Well Name:	**Fritz 3-24A2**
Target:	Wasatch
County, State:	Duchesne, UT
SH Location:	666' FSL, 870' FWL, Section 24, T1S, R2W, U.S.B.&M.
BH Location:	700' FNL, 700' FWL, Section 24, T1S, R2W, U.S.B.&M.
SHL Latitude:	40.376397° N
SHL Longitude:	110.064356° W
BHL Latitude:	40.386683° N
BHL Longitude:	110.064817° W
Coordinates:	NAD 83



Wellhead Equipment	
A/B Sections	13-3/8" x 13-5/8" 5K/10K SOW w/multibowl
DSA	13-5/8" 10K x 11" 10K Crossover
C Section	11" 10K x 7-1/16" 10K Tubing Head
Notes: Casing head with multibowl will be installed on 13-3/8" csg and flange will be tested to 5K psi. 9-5/8" int csg will be landed in the multibowl. A 10k psi packoff will be installed on top of the int csg. At that time the same flange will be tested to 10k psi. Tubing head will be installed after setting production liner.	

BOP Stack- Top to Bottom				
Item	**Size**	**Rated Psi**	**Psi Test**	**Comments**
Rotating Head	13-3/8"	500	N/A	Not tested
Annular	13-3/8"	5,000	3,500	Tested to 70%
Double Ram	13-3/8"	10,000	5K/10K	Top- pipe, Bottom- blind
Mud Cross	13-3/8"	10,000	5K/10K	For Kill and Choke lines
Kill Line	2"	10,000	5K/10K	Check & manual valve
Choke Line	3"	10,000	5K/10K	Hydraulic & manual valve
Single Ram	13-3/8"	10,000	5K/10K	Pipe Rams
Choke Manifold (minimum requirements)				
Coflex Hose	3"	10,000	5K/10K	Choke line to tee block
Manual Choke	3"	10,000	5K/10K	2 valves, to separator
Panic Line	3"	10,000	5K/10K	2 valves, to reserve pit
Hydraulic Chk	3"	10,000	5K/10K	2 valves, to separator
Notes: BOPE will be tested to 5K psi upon initial installation and then 10k psi after setting the 9-5/8" int csg.				

Mud			
Depth	**Type**	**Max Weight (ppg)**	
0' - 1,600'	Spud Mud	9.0	
1,600' - 10,600'	4% KCL Mud	12.0	
10,600' - 12,765'	Oil Based Mud	15.0	
12,765' - 15,911'	Oil Based Mud	15.0	

Cement							
Slurry	**Top**	**Btm**	**Wt**	**Yld**	**%Exc**	**Bbl**	**Sx**
Surface							
Type III	0'	1,300'	12.5	2.17	50	241	624
Type III	1,300'	1,600'	14.8	1.32	50	56	237
Intermediate							
75/25 Poz/Class G	0'	6,430'	12.3	1.7	20	423	1396
50/50 Poz/Class G	6,430'	10,600'	13.5	1.23	20	279	1274
Production Liner							
Class G	10,350'	15,911'	15.8	2.3	30	292	713
Note: If no cement returns are brought to surface for surface casing, a top out job will be performed to bring returns to surface.							

Logs	Type	Logs	Interval	Vendor
	Open Hole	Array Induction- GR- SP- Cal	Int TD to surf csg	TBD
	Open Hole	Cross dipole sonic	Int TD to surf csg	TBD
	Open Hole	Array Induction- GR- SP- Cal	Base of Curve to Int csg	TBD
	Open Hole	Cross dipole sonic	Base of Curve to Int csg	TBD
	Mudlog	30' samples, 10' samples if slow	Surf Csg to TD	TBD
	LWD	Gamma	Curve and Lateral	TBD

Directional Plan						
Target TVDs:	Landing Point- 12,200', BHL- 12,400'					
Target Window:	TBD					
	MD	**INC**	**AZM**	**TVD**	**VS**	**DLS**
KOP	11,829'	0.00	0.00	11,829'	0'	0.00
EOB	12,765'	93.65	357.12	12,400'	609'	10.00
TD	15,911'	93.65	357.12	12,200'	3,749'	0.00
Hardlines:	Lateral- 660' from section lines Vertical- Actual section lines					
Notes:	Please note SHL and BHL from section/lease lines					

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API Well Number: 43013518370000

Contingency Casing Design Note:
This design will be used if hole problems are encountered while drilling the curve and/or lateral portion of this well.
Key Differences:
* A 7" drilling liner will be run through the curve
* The production liner will be sized down to 4-1/2" instead of the planned 5-1/2"

****Contingency Casing Design****

Well Name:	**Fritz 3-24A2**
Target:	Wasatch
County, State:	Duchesne, UT
SH Location:	666' FSL, 870' FWL, Section 24, T1S, R2W, U.S.B.&M.
BH Location:	700' FNL, 700' FWL, Section 24, T1S, R2W, U.S.B.&M.
SHL Latitude:	40.376397° N
SHL Longitude:	110.064356° W
BHL Latitude:	40.386683° N
BHL Longitude:	110.064817° W
Coordinates:	NAD 83

Conductor
OD: **20"** Hole Size: **30"**
Wt: Setting Depth: **80'**

Surface Casing
OD: **13 3/8"**
Wt: **61.#**
Grd: **J55** Hole Size: **17 1/2"**
Con: **STC** Setting Depth: **1,600'**
*Surface Casing set just above expected brackish water flow to protect and isolate all shallow fresh water
*Test casing to 1500 psi
*FIT to 14.0 ppg

1,900' *Potential brackish water flow from disposal up to 12 ppg equivalent

*Top of Tail slurry for Intermediate Casing cement will isolate and protect Green River

6,730' **Upper Green River**
*Potential Hydrocarbons

Lower Green River
9,517' *Potential Hydrocarbons
*Potential brackish water flow from disposal up to 12 ppg equivalent

Top of Production Liner
10,100'

Intermediate Casing
OD: **9 5/8"**
Wt: **53.5#**
Grd: **P-110** Hole Size: **12 1/4"**
Con: **LTC** Setting Depth: **10,600'**
*Intermediate Casing set just above top of Wasatch
*Test casing to 3000 psi
*FIT to 15.5 ppg

10,350' **Top of Drilling Liner**

10,624' **Wasatch**
*Potential Hydrocarbons
*Abnormal pressure begins

11,829' **Kick Off Point**

Hole Size: **6 1/8"**

12,400' **Landing Point TVD**

Production Casing
OD: **4 1/2"**
Wt: **13.5#**
Setting Depth: **15,911'** *Grd: **HCP-110**
BHL TVD: **12,200'** Con: **BTC**
*See attached for specs on HCP-110

Expected BH Temp
231 ° F

Expected BH PSI
9516 psi

Drilling Liner
Hole Size: **8 1/2"** OD: **7"**
Setting Depth: **12,765'** Wt: **29.#**
*Drilling liner set through Landing Point of curve Grd: **P-110**
*Test Casing to 2000 psi Con: **BTC**
*FIT to 15.5 ppg

Wellhead Equipment	
A/B Sections	13-3/8" x 13-5/8" 5K/10K SOW w/multibowl
DSA	13-5/8" 10K x 11" 10K Crossover
C Section	11" 10K x 7-1/16" 10K Tubing Head

Notes: Casing head with multibowl will be installed on 13-3/8" csg and flange will be tested to 5K psi. 9-5/8" int csg will be landed in the multibowl. A 10k psi packoff will be installed on top of the int csg. At that time the same flange will be tested to 10k psi. Tubing head will be installed after setting production liner.

BOP Stack- Top to Bottom				
Item	**Size**	**Rated Psi**	**Psi Test**	**Comments**
Rotating Head	13-3/8"	500	N/A	Not tested
Annular	13-3/8"	5,000	3,500	Tested to 70%
Double Ram	13-3/8"	10,000	5K/10K	Top- pipe, Bottom- blind
Mud Cross	13-3/8"	10,000	5K/10K	Kill and Choke lines
Kill Line	2"	10,000	5K/10K	Check & manual valve
Choke Line	3"	10,000	5K/10K	Hydraulic & manual valve
Single Ram	13-3/8"	10,000	5K/10K	Pipe Rams
Choke Manifold (minimum requirements)				
Coflex Hose	3"	10,000	5K/10K	Choke line to tee block
Manual Choke	3"	10,000	5K/10K	2 valves, to separator
Panic Line	3"	10,000	5K/10K	2 valves, to reserve pit
Hydraulic Chk	3"	10,000	5K/10K	2 valves, to separator

Notes: BOPE will be tested to 5K psi upon initial installation and then 10k psi after setting the 9-5/8" int csg.

Mud			
Depth	**Type**	**Max Weight (ppg)**	
0' - 1,600'	Spud Mud	9.0	
1,600' - 10,600'	4% KCL Mud	12.0	
10,600' - 12,765'	Oil Based Mud	15.0	
12,765' - 15,911'	Oil Based Mud	15.0	

Cement							
Slurry	**Top**	**Btm**	**Wt**	**Yld**	**%Exc**	**Bbl**	**Sx**
Surface							
Type III	0'	1,300'	12.5	2.17	50	241	624
Type III	1,300'	1,600'	14.8	1.32	50	56	237
Intermediate							
75/25 Poz/Class G	0'	6,430'	12.3	1.7	20	423	1396
50/50 Poz/Class G	6,430'	10,600'	13.5	1.23	20	279	1274
Drilling Liner							
50/50 Poz/Class G	10,350'	12,765'	15.8	1.53	30	69	255
Production Liner							
Class G	10,100'	15,911'	15.8	2.3	30	171	418

Note: If no cement returns are brought to surface for surface casing, a top out job will be performed to bring returns to surface.

Directional Plan						
Target TVDs:	Landing Point- 12,200', BHL- 12,400'					
Target Window:	TBD					
	MD	**INC**	**AZM**	**TVD**	**VS**	**DLS**
KOP	11,829'	0.00	0.00	11,829'	0'	0.00
EOB	12,765'	93.65	357.12	12,400'	609'	10.00
TD	15,911'	93.65	357.12	12,200'	3,749'	0.00
Hardlines:	Lateral- 660' from section lines Vertical- Actual section lines					
Notes:	Please note SHL and BHL from section/lease lines					

Logs

Type	Logs	Interval	Vendor
Open Hole	Array Induction- GR- SP- Cal	Int TD to surf csg	TBD
Open Hole	Cross dipole sonic	Int TD to surf csg	TBD
Open Hole	Array Induction- GR- SP- Cal	Base of Curve to Int csg	TBD
Open Hole	Cross dipole sonic	Base of Curve to Int csg	TBD
Mudlog	30' samples, 10' samples if slow	Surf Csg to TD	TBD
LWD	Gamma	Curve and Lateral	TBD

RECEIVED: January 14, 2013

API Well Number: 43013518370000

BOPE REVIEW DEVON ENERGY PROD CO LP FRITZ #3-24A2 43013518370000

Well Name	DEVON ENERGY PROD CO LP FRITZ #3-24A2 43013518370000			
String	SURF	I1	L1	
Casing Size(")	13.375	9.625	5.500	
Setting Depth (TVD)	1600	10600	12200	
Previous Shoe Setting Depth (TVD)	0	1600	10600	
Max Mud Weight (ppg)	9.0	12.0	15.0	
BOPE Proposed (psi)	500	5000	10000	
Casing Internal Yield (psi)	3090	10900	12360	
Operators Max Anticipated Pressure (psi)	9516		15.0	

Calculations	SURF String	13.375	"	
Max BHP (psi)	.052*Setting Depth*MW=	749		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	557	NO	rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	397	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	397	NO	
Required Casing/BOPE Test Pressure=		1600	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		0	psi	*Assumes 1psi/ft frac gradient

Calculations	I1 String	9.625	"	
Max BHP (psi)	.052*Setting Depth*MW=	6614		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5342	NO	5M multibowl
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4282	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	4634	NO	
Required Casing/BOPE Test Pressure=		7630	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		1600	psi	*Assumes 1psi/ft frac gradient

Calculations	L1 String	5.500	"	
Max BHP (psi)	.052*Setting Depth*MW=	9516		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	8052	YES	Rotate head, 5M ann, 10M double ram, mud
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	6832	YES	cross, choke & kill lines, single 10M ram
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	9164	YES	OK
Required Casing/BOPE Test Pressure=		8652	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		10600	psi	*Assumes 1psi/ft frac gradient

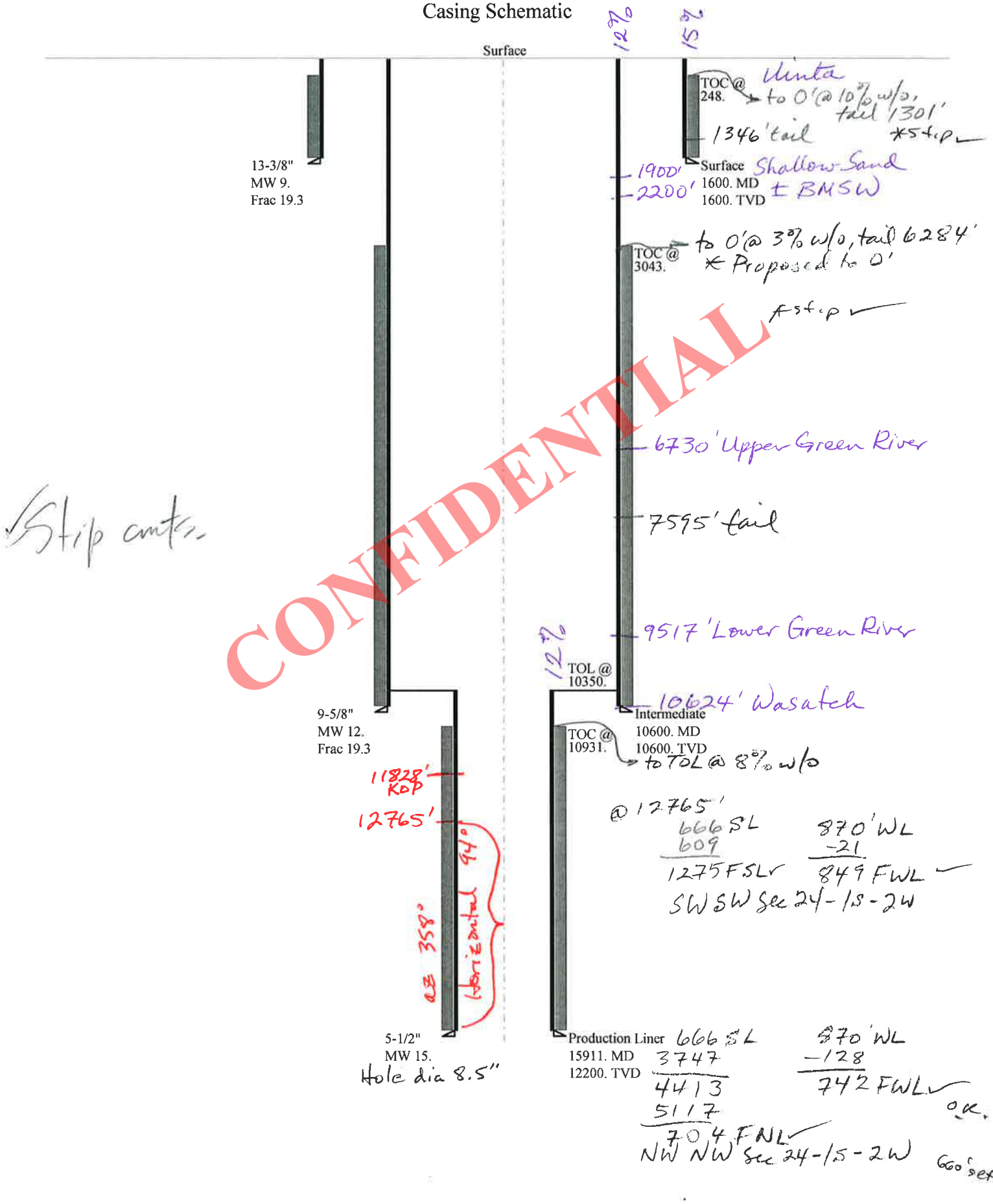
Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
***Max Pressure Allowed @ Previous Casing Shoe=**			psi	*Assumes 1psi/ft frac gradient

RECEIVED: March 27, 2013

API Well Number: 43013518370000

43013518370000 Fritz 3-24A2

Casing Schematic



API Well Number: 43013518370000

Well name:	**43013518370000 Fritz 3-24A2**
Operator:	**DEVON ENERGY PROD CO LP**
String type:	Surface
Project ID:	43-013-51837
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,408 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,600 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 1,386 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 96 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 248 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 10,600 ft
Next mud weight: 12.000 ppg
Next setting BHP: 6,608 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,600 ft
Injection pressure: 1,600 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	1600	13.375	61.00	J-55	ST&C	1600	1600	12.39	20930

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	748	1540	2.059	1600	3090	1.93	97.6	595	6.10 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 7,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 1600 ft, a mud weight of 9 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43013518370000

Well name:	**43013518370000 Fritz 3-24A2**
Operator:	**DEVON ENERGY PROD CO LP**
String type:	Intermediate
Project ID:	43-013-51837
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 12.000 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 6,822 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 9,154 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 8,680 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 222 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 3,043 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 12,200 ft
Next mud weight: 15.000 ppg
Next setting BHP: 9,506 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 10,600 ft
Injection pressure: 10,600 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	10600	9.625	53.50	P-110	LT&C	10600	10600	8.5	210929

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	6608	7950	1.203	9154	10900	1.19	567.1	1422	2.51 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 7,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 10600 ft, a mud weight of 12 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43013518370000

Well name:	**43013518370000 Fritz 3-24A2**
Operator:	**DEVON ENERGY PROD CO LP**
String type:	Production Liner
Project ID:	43-013-51837
Location:	DUCHESNE COUNTY

Design parameters:

Collapse

Mud weight:	15.000 ppg
Internal fluid density:	1.000 ppg

Burst

Max anticipated surface pressure:	6,822 psi
Internal gradient:	0.220 psi/ft
Calculated BHP	9,506 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.60 (B)

Tension is based on air weight.
Neutral point: 11,791 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	245 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,000 ft
Cement top:	10,931 ft
Liner top:	10,350 ft

Directional Info - Build & Hold

Kick-off point	11828 ft
Departure at shoe:	3749 ft
Maximum dogleg:	10 °/100ft
Inclination at shoe:	93.65 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	5511	5.5	20.00	P-110	Buttress	12200	15911	4.653	45720

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	8873	11100	1.251	9551	12360	1.29	36	641.1	17.81 B

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 7,2013
Salt Lake City, Utah

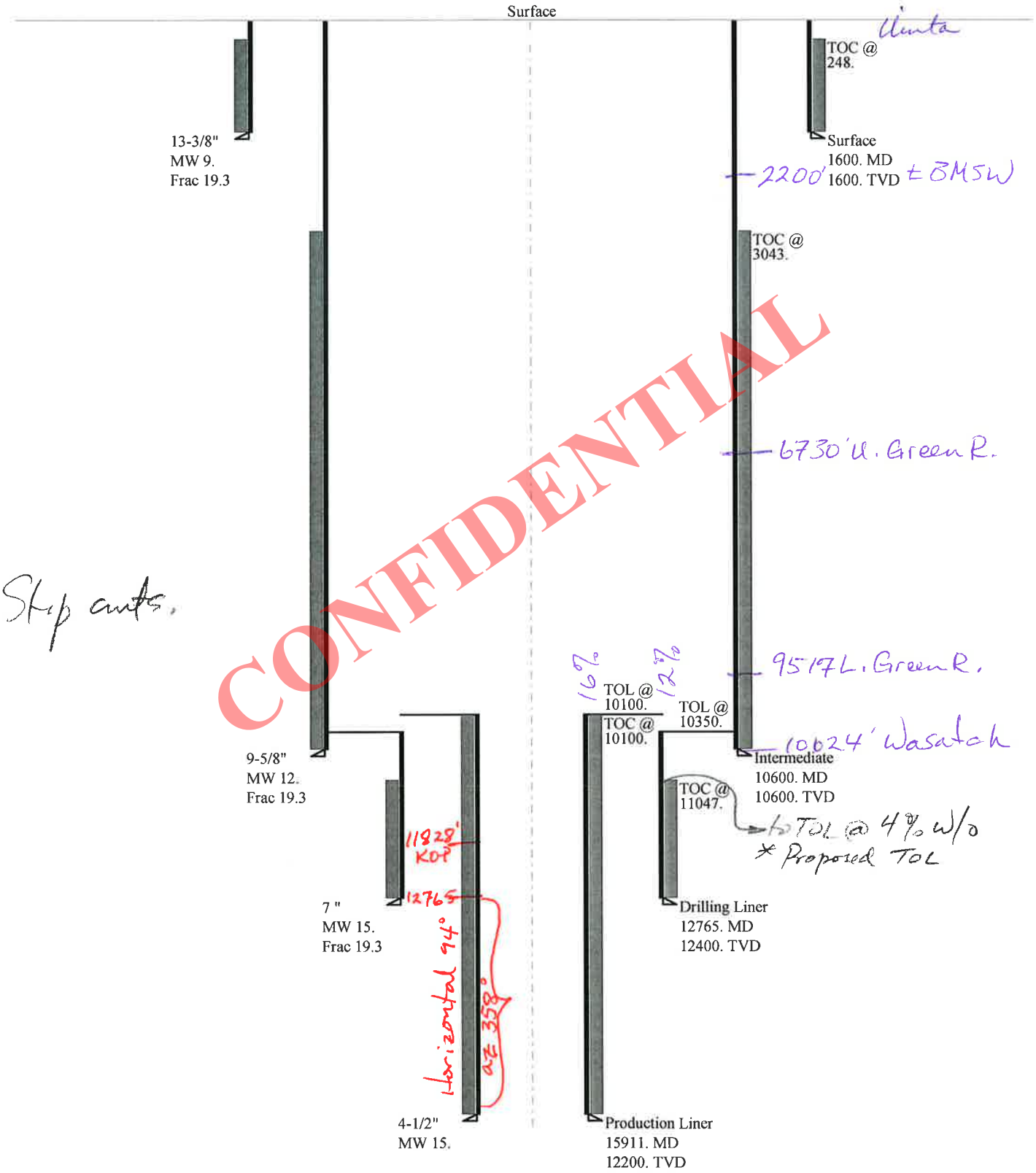
Remarks:
For this liner string, the top is rounded to the nearest 100 ft.Collapse is based on a vertical depth of 12200 ft, a mud weight of 15 ppg An Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

43013518370000 Fritz 3-24A2cont

Casing Schematic



API Well Number: 43013518370000

Well name:	**43013518370000 Fritz 3-24A2cont**
Operator:	**DEVON ENERGY PROD CO LP**
String type:	Drilling Liner
Project ID:	43-013-51837
Location:	DUCHESNE COUNTY

Design parameters:

Collapse

Mud weight:	15.000 ppg
Internal fluid density:	3.800 ppg

Burst

Max anticipated surface pressure:	6,934 psi
Internal gradient:	0.220 psi/ft
Calculated BHP	9,662 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.60 (B)

Tension is based on air weight.
Neutral point: 11,947 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	248 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,000 ft
Cement top:	11,047 ft
Liner top:	10,350 ft

Directional well information:

Kick-off point	11828 ft
Departure at shoe:	610 ft
Maximum dogleg:	10 °/100ft
Inclination at shoe:	93.65 °

Re subsequent strings:

Next setting depth:	12,400 ft
Next mud weight:	15.000 ppg
Next setting BHP:	9,662 psi
Fracture mud wt:	19.250 ppg
Fracture depth:	12,400 ft
Injection pressure:	12,400 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	2365	7	29.00	P-110	Buttress	12400	12765	6.059	28580

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	7215	8530	1.182	9662	11220	1.16	58	929.4	16.02 B

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 7,2013
Salt Lake City, Utah

Remarks:
For this liner string, the top is rounded to the nearest 100 ft.Collapse is based on a vertical depth of 12400 ft, a mud weight of 15 ppg An Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43013518370000

Well name:	**43013518370000 Fritz 3-24A2cont**
Operator:	**DEVON ENERGY PROD CO LP**
String type:	Production Liner
Project ID:	43-013-51837
Location:	DUCHESNE COUNTY

Design parameters:

Collapse

Mud weight:	15.000 ppg
Internal fluid density:	0.750 ppg

Burst

Max anticipated surface pressure:	6,822 psi
Internal gradient:	0.220 psi/ft
Calculated BHP	9,506 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor	1.125

Burst:

Design factor	1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.60 (B)

Tension is based on air weight.
Neutral point: 11,735 ft

Environment:

H2S considered?	No
Surface temperature:	74 °F
Bottom hole temperature:	245 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	1,000 ft
Cement top:	10,100 ft
Liner top:	10,100 ft

Directional well information:

Kick-off point	11828 ft
Departure at shoe:	3749 ft
Maximum dogleg:	10 °/100ft
Inclination at shoe:	93.65 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	5811	4.5	13.50	P-110	Buttress	12200	15911	3.795	34863

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	9031	10680	1.183	9551	12410	1.30	28.3	421.9	14.88 B

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 7,2013
Salt Lake City, Utah

Remarks:
For this liner string, the top is rounded to the nearest 100 ft.Collapse is based on a vertical depth of 12200 ft, a mud weight of 15 ppg An Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator DEVON ENERGY PROD CO LP
Well Name FRITZ #3-24A2
API Number 43013518370000 **APD No** 7069 **Field/Unit** BLUEBELL
Location: 1/4,1/4 SWSW **Sec** 24 **Tw** 1.0S **Rng** 2.0W 666 FSL 870 FWL
GPS Coord (UTM) 579426 4469958 **Surface Owner** Raymond J. & Clara H. Fritz

Participants

George Gurr (Devon Production Foreman), Cody Rich (surveyor), Bobbie Mitchel (land contractor)

Regional/Local Setting & Topography

This proposed well site is in the Cedarview area. The site is approximately 6 miles north west of Roosevelt, UT. The locations sites just below a small ridge which runs east and west and on top of the ridge the land flattens out as it extends to the north. The land here slopes south. A paved road lies near the south side of the location.

Surface Use Plan

Current Surface Use
Grazing

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.007	**Width** 240 **Length** 407	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna
Pinion, juniper, sage, shad scale, grasses

Soil Type and Characteristics
Sandy loam with some exposed rock

Erosion Issues Y

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? Y
Small drainages may need some diversion

Berm Required? Y

RECEIVED: April 01, 2013

API Well Number: 43013518370000

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	75 to 100	10
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	High permeability	20
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
	Final Score	40 1 Sensitivity Level

Characteristics / Requirements

The reserve pit is proposed in a cut stable location. Pit dimensions are 200 x 100 x 10 feet. A 20 mil liner and felt subliner will be required due to permeable soil, slope and rock.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

Richard Powell	12/6/2012
Evaluator	**Date / Time**

RECEIVED: April 01, 2013

Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
7069	43013518370000	LOCKED	OW	P	No

Operator	DEVON ENERGY PROD CO LP	**Surface Owner-APD**	Raymond J. & Clara H. Fritz
Well Name	FRITZ #3-24A2	**Unit**	
Field	BLUEBELL	**Type of Work**	DRILL
Location	SWSW 24 1S 2W U 666 FSL 870 FWL GPS Coord (UTM) 579431E 4469924N		

Geologic Statement of Basis

Devon proposes to set 2,500 feet of surface casing which will be cemented to surface. The surface hole will be drilled utilizing an aerated/fresh water system. The estimated depth to the base of moderately saline ground water is 2,200 feet. A search of Division of Water Rights records indicates that there are over 75 water wells within a 10,000 foot radius of the center of Section 24. The nearest water well is approximately 1/4 mile from the proposed site and produces water from a depth of 325 feet. Listed uses are irrigation stock watering and domestic. Most of these wells produce water from the Uinta Formation and are in the range of 18 to 525 feet deep. Average depth is less than 300 feet. The proposed casing and cement program should adequately protect useable ground water in this area.

Brad Hill	1/8/2013
APD Evaluator	**Date / Time**

Surface Statement of Basis

This proposed location is on fee surface with fee minerals. Surface owner Clara Fritz was invited to attend the onsite was unable to attend at this time. Mrs. Fritz stated that she had recently visited the propoerty to assess the well location and stated that she was satisfied with the placement of the well pad. Mrs. Fritz had asked earlier to have the access road moved so as to be less intrusive to her property and this move is now reflected on the survey plats. This appears to be a good location for placement of this well. Mr. George Gurr of Devon Production stated that a 20 mil liner would be used. There are some small drainages which will need to be diverted around the location but they appear very minor. Road base will be brought in from offsite for construction of berms, tank pads and to cover location and road. The location must be bermed due to close proximity of homes and slope of site.

Richard Powell	12/6/2012
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

RECEIVED: April 01, 2013

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/1/2012
API NO. ASSIGNED: 43013518370000
WELL NAME: FRITZ #3-24A2
OPERATOR: DEVON ENERGY PROD CO LP (N1275)
PHONE NUMBER: 405 228-8684
CONTACT: Julie Patrick

PROPOSED LOCATION: SWSW 24 010S 020W
Permit Tech Review: ☑

SURFACE: 0666 FSL 0870 FWL
Engineering Review: ☑

BOTTOM: 0700 FNL 0700 FWL
Geology Review: ☑

COUNTY: DUCHESNE
LATITUDE: 40.37611
LONGITUDE: -110.06431
UTM SURF EASTINGS: 579431.00
NORTHINGS: 4469924.00
FIELD NAME: BLUEBELL
LEASE TYPE: 4 - Fee
LEASE NUMBER: FEE
PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH
SURFACE OWNER: 4 - Fee
COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE - 71S100753026-70
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** Ballard City Municipal Water
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 139-84
Effective Date: 12/31/2008
Siting: 660' Fr Drl U Bdry & 1320' Fr Other Wells

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
5 - Statement of Basis - bhill
8 - Cement to Surface -- 2 strings - hmacdonald
27 - Other - bhill

RECEIVED: April 01, 2013

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: FRITZ #3-24A2
API Well Number: 43013518370000
Lease Number: FEE
Surface Owner: FEE (PRIVATE)
Approval Date: 4/1/2013

Issued to:
DEVON ENERGY PROD CO LP , P.O. Box 290 , Neola, UT 84053

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-84. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Cement volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface and as stated in the submitted drill plan.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
  at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

Approved By:

For John Rogers
Associate Director, Oil & Gas

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **8/29/2014**

FROM: (Old Operator):	**TO:** (New Operator):
DEVON ENERGY PRODUCTION COMPANY L.P. N1275	LINN OPERATING INC N4115
333 WEST SHERIDAN AVENUE	1999 BROADWAY STE 3700
OKLAHOMA CITY OK 73102-5015	DENVER CO 80202
	303-999-4275

CA No. **Unit:** N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/16/2014
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/16/2014
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 10/8/2014
4a. Is the new operator registered in the State of Utah: _____ Business Number: 9031632-0143
5a. (R649-9-2)Waste Management Plan has been received on: Yes
5b. Inspections of LA PA state/fee well sites complete on: N/A
5c. Reports current for Production/Disposition & Sundries on: 10/8/2014
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM NOT YET BIA NOT YET
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 9/24/2014

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 10/8/2014
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 10/8/2014
3. Bond information entered in RBDMS on: 10/8/2014
4. Fee/State wells attached to bond in RBDMS on: 10/8/2014
5. Injection Projects to new operator in RBDMS on: N/A
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 10/8/2014
7. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 9/16/2014

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: NMB000501
2. Indian well(s) covered by Bond Number: NMB000501
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number LPM9149893
3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/8/2014

COMMENTS:

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115
Effective 8/29/2014

Well Name	Section	Township	Range AP	API Number	Entity	Mineral Lease	Well Type	Well Status
SWD 4-11A2	11	010S	020W	4301320255	99990	Fee	WD	A
VIRGIL MECHAM 1-11A2	11	010S	020W	4301330009	5760	Fee	WD	A
1-3A2	3	010S	020W	4301330021	99990	Fee	WD	A
BLUEBELL 2-28A2	28	010S	020W	4301330346	99990	Fee	WD	A
SALERATUS 2-17C5	17	030S	050W	4301330388	99990	Fee	WD	A
CENTRAL BLUEBELL 2-26A2	26	010S	020W	4301330389	99990	Fee	WD	A
BALLARD 2-15B1	15	020S	010W	4304732351	11476	Fee	WD	A
GALLOWAY #3-14B2	14	020S	020W	4301351741		Fee	OW	APD
GALLOWAY #3-12B2	12	020S	020W	4301351742		Fee	OW	APD
GALLOWAY 4-14B2	14	020S	020W	4301351818		Fee	OW	APD
MORRIS #3-8B1	8	020S	010W	4301351836		State	OW	APD
FRITZ #3-24A2	24	010S	020W	4301351837		Fee	OW	APD
GALLOWAY #2-14B2	14	020S	020W	4301351739	19044	Fee	OW	DRL
EMERALD 2-32A1	32	010S	010W	4301350059	17980	Fee	OW	OPS
CLYDE MURRAY 1-2A2	2	010S	020W	4301330005	5876	Fee	OW	P
VICTOR C BROWN 1-4A2	4	010S	020W	4301330011	5780	Fee	OW	P
DOUG BROWN 2-4A2	4	010S	020W	4301330017	5840	Fee	OW	P
L BOREN U 3-15A2	15	010S	020W	4301330086	5755	Fee	OW	P
LAMICQ-URTY U 3-17A2	17	010S	020W	4301330099	5745	Fee	OW	P
L BOREN U 5-22A2	22	010S	020W	4301330107	5900	Fee	OW	P
L BOREN U 4-23A2	23	010S	020W	4301330115	5905	Fee	OW	P
TOMLINSON FED 1-25A2	25	010S	020W	4301330120	5535	Federal	OW	P
WOODWARD 1-21A2	21	010S	020W	4301330130	5665	Fee	OW	P
LAMICQ 1-20A2	20	010S	020W	4301330133	5400	Fee	GW	P
L RBRTSN ST 1-1B2	1	020S	020W	4301330200	5410	State	OW	P
SMITH ALBERT 1-8C5	8	030S	050W	4301330245	5490	Fee	OW	P
FRESTON ST 1-8B1	8	020S	010W	4301330294	5345	Fee	OW	P
GEORGE MURRAY 1-16B1	16	020S	010W	4301330297	5950	Fee	OW	P
LAMICQ-URTY U 4-5A2	5	010S	020W	4301330347	5845	Fee	OW	P
H G COLTHARP 1-15B1	15	020S	010W	4301330359	5945	Fee	OW	P
STATE 3-18A1	18	010S	010W	4301330369	5810	Fee	OW	P
LAMICQ 2-6B1	6	020S	010W	4301330809	2301	Fee	OW	P
DILLMAN 2-28A2	28	010S	020W	4301330821	5666	Fee	OW	P
HAMBLIN 2-26-A2	26	010S	020W	4301330903	5361	Fee	OW	P
JOHN 2-3-B2	3	020S	020W	4301330975	5387	Fee	OW	P
LAMICQ-ROBERTSON ST 2-1B2	1	020S	020W	4301330995	5412	Fee	OW	P
UTE TRIBAL 2-7A2	7	010S	020W	4301331009	5836	Indian	OW	P
HATCH 2-3B1	3	020S	010W	4301331147	10615	Fee	OW	P
NORLING 2-9B1	9	020S	010W	4301331151	10616	Fee	OW	P
SHAW 2-27A2	27	010S	020W	4301331184	10753	Fee	OW	P
LAMICQ-URRITY 4-17A2	17	010S	020W	4301331190	10764	Fee	OW	P
LAMICQ 2-20A2	20	010S	020W	4301331191	10794	Fee	OW	P
FRESTON 2-8B1	8	020S	010W	4301331203	10851	Fee	OW	P
WISSE 3-35A2	35	010S	020W	4301331215	10925	Fee	OW	P
MECCA 2-8A2	8	010S	020W	4301331231	10981	Fee	OW	P
SWYKES 2-21A2	21	010S	020W	4301331235	10998	Fee	OW	P
SHERMAN 2-12B2	12	020S	020W	4301331238	11009	Fee	OW	P
DUNCAN 4-2A2	2	010S	020W	4301331276	11258	Fee	GW	P
HAMBLIN 3-9A2	9	010S	020W	4301331278	11094	Fee	GW	P
BAR-F 2-5B1	5	020S	010W	4301331286	11113	Fee	OW	P
SMITH 2-9C5	9	030S	050W	4301331321	11245	Fee	OW	P
LORANGER 2-24A2	24	010S	020W	4301331322	11244	Fee	OW	P
UTE 2-6B3	6	020S	030W	4301331325	11446	Indian	OW	P
MCELPRANG 2-30A1	30	010S	010W	4301331326	11252	Fee	OW	P

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115
Effective 8/29/2014

Well Name	Section	Township	Range AP	API Number	Entity	Mineral Lease	Well Type	Well Status
SMITH 2-7C5	7	030S	050W	4301331327	11324	Indian	OW	P
SMITH 2-18C5	18	030S	050W	4301331328	11336	Indian	OW	P
UTE 2-24A3	24	010S	030W	4301331329	11339	Indian	OW	P
UTE 5-19A2	19	010S	020W	4301331330	11277	Indian	OW	P
EDWARDS 3-10B1	10	020S	010W	4301331332	11264	Fee	OW	P
SUNDANCE 4-15A2	15	010S	020W	4301331333	11269	Fee	OW	P
LORANGER 6-22A2	22	010S	020W	4301331334	11335	Fee	OW	P
COX 2-36A2	36	010S	020W	4301331335	11330	Fee	OW	P
SMITH 2-6C5	6	030S	050W	4301331338	11367	Indian	OW	P
FRESTON 2-7B1	7	020S	010W	4301331341	11338	Fee	OW	P
PEARSON 2-11B2	11	020S	020W	4301331356	11359	Fee	OW	P
CHAPMAN 2-4B2	4	020S	020W	4301331378	11485	Fee	OW	P
LAMB 2-16A2	16	010S	020W	4301331390	11487	Fee	OW	P
LABRUM 2-23A2	23	010S	020W	4301331393	11514	Fee	OW	P
POWELL 2-16B1	16	020S	010W	4301331820	12342	Fee	OW	P
BOWMAN 5-5A2	5	010S	020W	4301332202	13043	Fee	OW	P
BOREN 4-9A2	9	010S	020W	4301332203	13079	Fee	OW	P
BLANCHARD 3-10A2	10	010S	020W	4301332223	13149	Fee	OW	P
SQUIRES 3-8A2	8	010S	020W	4301332227	13176	Fee	OW	P
BROWN 3-4A2	4	010S	020W	4301332684	14673	Fee	OW	P
GALLOWAY 3-11B2	11	020S	020W	4301334304	18527	Fee	OW	P
OWL AND THE HAWK 3-9C5	9	030S	050W	4301351214	18649	Fee	OW	P
Bingham #3-4B1	4	020S	010W	4301351464	18825	Fee	OW	P
RED MOUNTAIN 3-5B1	5	020S	010W	4301351632	18954	Fee	OW	P
MECHAM #3-1B2	1	020S	020W	4301351844	19082	State	OW	P
MIKE AND SHELLEY #3-4B2	4	020S	020W	4301351845	19083	Fee	OW	P
RBRTSN UTE ST 1-12B1	12	020S	010W	4304730164	5475	Fee	OW	P
MAY UTE FED 1-13B1	13	020S	010W	4304730176	5435	Fee	OW	P
COOK 1-26B1	26	020S	010W	4304731981	11212	Fee	OW	P
CHRISTIANSEN 2-12B1	12	020S	010W	4304732178	11350	Fee	OW	P
RICH 2-13B1	13	020S	010W	4304732744	12046	Fee	OW	P
THOMAS 4-10B1	10	020S	010W	4304734080	13284	Fee	OW	P
HAMAKER 3-12B1	12	020S	010W	4304752294	18650	Fee	OW	P
BETTS 2-26B1	26	020S	010W	4304752435	18698	Fee	OW	P
STATE 1-10A2 (3-10C)	10	010S	020W	4301330006	5860	State	GW	S
L BOREN U 6-16A2	16	010S	020W	4301330123	5750	Fee	OW	S
UTE TRIBAL 1-6B3	6	020S	030W	4301330136	5705	Indian	OW	S
MAUREL TAYLOR FEE 1-36A2	36	010S	020W	4301330143	5525	Fee	OW	S
CAMPBELL UTE ST 1-7B1	7	020S	010W	4301330236	5295	Indian	OW	S
D L GALLOWAY 1-14B2	14	020S	020W	4301330564	5965	Fee	OW	S
MARK 2-25A2	25	010S	020W	4301331232	10986	Fee	OW	S
MITCHELL 2-4B1	4	020S	010W	4301331317	11231	Fee	OW	S

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER See Attached Well List

8. WELL NAME and NUMBER: See Attached Well List

2. NAME OF OPERATOR: LINN OPERATING, INC N4115

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1999 Broadway, Suite 3700 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 999-4275

10. FIELD AND POOL, OR WILDCAT: Bluebell/Altamont

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: Duchsene/Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: CHANGE OF OPERATOR
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893.

Attached is a list of wells that are associated with this Change of Operator.

Devon Energy Production Company, LP N1275
333 West Sheridan Avenue
Oklahoma City, OK 73102-5015

John D. Raines
Vice President

RECEIVED
SEP 16 2014
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Russell des Cognets II TITLE Asset Manager

SIGNATURE R des Cognets DATE 9/8/14

(This space for State use only)

APPROVED

OCT 08 2014

DIV. OIL GAS & MINING

BY: Rachel Medina

(5/2000) (See Instructions on Reverse Side)

Devon Energy Production Company, LP
Exisiting Well List for State/Fee/Indian Leases

Well Name	API #	Legal Location	Producing Status	Well Type	Lease Type	Field	State	County
BAR F 2-5B1	430133128600	005-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BINGHAM 3-4B1	430135146400	004-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BLANCHARD 3-10A2	430133222300	010-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 1-14A2	430133003500	014-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 3-11A2	430133119200	011-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 3-15A2	430133008600	015-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 4-23A2	430133011500	023-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 4-9A2	430133220300	009-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 5-22A2	430133010700	022-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 6-16A2	430133012300	016-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOWMAN 5-5A2	430133220200	005-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN DOUG 2-4A2	430133001700	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN VICTOR C 1-4A2	430133001100	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN 3-4A2	430133268400	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CAMPBELL UTE ST 1-7B1	430133023600	007-002S-001W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
CHAPMAN 2-4B2	430133137800	004-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CLYDE MURRAY 1-2A2	430133000500	002-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
COLTHARP 1-15B1	430133035900	015-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CORNABY 2-14A2 (RECOMP)	430133129900	014-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
COX 2-36A2	430133133500	036-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
DILLMAN 2-28A2	430133082100	028-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
DUNCAN 4-2A2	430133127600	002-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
EDWARDS 3-10B1	430133133200	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON STATE 1-8B1	430133029400	008-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON 2-7B1	430133134100	007-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON 2-8B1	430133120300	008-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
GALLOWAY 1-14B2	430133056400	014-002S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
GALLOWAY 3-11B2	430133430400	011-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HAMBLIN 2-26A2	430133090300	026-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HAMBLIN 3-9A2	430133127800	009-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HATCH 2-3B1	430133114700	003-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
JOHN 2-3B2	430133097500	003-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LABRUM 2-23A2	430133139300	023-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMB 2 16A2	430133139000	016-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ ROBERTSON 1-1B2	430133020000	001-002S-002W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE

LAMICQ ROBERTSON 2-1B2	430133099500	001-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 3-17A2	430133009900	017-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 4-17A2	430133119000	017-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 4-5A2	430133034700	005-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 1-20A2	430133013300	020-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 2-20A2	430133119100	020-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 2-6B1	430133080900	006-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LORANGER 2-24A2	430133132200	024-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LORANGER 6-22A2	430133133400	022-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MARK 2 25A2	430133123200	025-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MCELPRANG 2-30A1	430133132600	030-001S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECCA 2-8A2	430133123100	008-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECHAM VIRGIL B 1-11A2 SWD	430133000900	011-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECHAM 3-1B2	430135184400	1-2S-2W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE
MIKE AND SHELLEY 3-4B2	430135184500	4-2S-2W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MITCHELL 2-4B1	430133131700	004-002S-001W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MURRAY GEORGE 1-16B1	430133029700	016-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
NORLING 2-9B1	430133115100	009-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
OWL AND THE HAWK 3-9C5	430135121400	9-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
PEARSON 2-11B2	430133135600	011-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
POWELL 2 16B1	430133182000	016-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
RED MOUNTAIN 3-5B1	430135163200	05-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SHAW 2-27A2	430133118400	027-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SHERMAN 2-12B2	430133123800	012-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH ALBERT 1-8C5	430133024500	008-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-18C5	430133132800	018-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-6C5	430133133800	006-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-7C5	430133132700	007-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-9C5	430133132100	009-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SQUIRES 3-8A2	430133222700	008-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
STATE 1-10A2	430133000600	010-001S-002W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE
STATE 3-18A1	430133036900	018-001S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SUNDANCE 4 15A2 (BOREN)	430133133300	015-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD ANDERSON 2-28A2	430133034600	028-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD HAMBLIN 2-26A2	430133038900	026-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD SALERATUS 2-17C5	430133038800	017-003S-005W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD 1-3A2	430133002100	003-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD 4-11A2	430132025500	011-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE

SWYKES 2 21A2	430133123500	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TAYLOR MAUREL FEE 1-36A2	430133014300	036-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TOMLINSON 1 25A2	430133012000	025-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 2-7A2	430133100900	007-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 5-19A2	430133133000	019-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 1-6B3	430133013600	006-002S-003W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-24A3	430133132900	024-001S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-6B3	430133132500	006-002S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
WISSE 3-35A2	430133121500	035-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
WOODWARD 1-21A2	430133013000	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BALLARD 2-15B1 SWD	430473235100	015-002S-001W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	UINTAH
BETTS 2-26B1	430475243500	26-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
CHRISTENSEN 2-12B1	430473217800	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
COOK 1-26B1	430473198100	026-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
HAMAKER 3-12B1	430475229400	12-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
MAY UTE FED 1-13B1	430473017600	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
RICH 2-13B1	430473274400	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
ROBERTSON UTE STATE 1-12B1	430473016400	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
THOMAS 4-10B1	430473408000	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH

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DIV. OF OIL, GAS & MINING

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached Well List

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER See Attached Well List

8. WELL NAME and NUMBER: See Attached Well List

2. NAME OF OPERATOR: LINN OPERATING, INC

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1999 Broadway, Suite 3700 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 999-4275

10. FIELD AND POOL, OR WILDCAT: Bluebell/Altamont

4. LOCATION OF WELL

FOOTAGES AT SURFACE: [redacted]

COUNTY: Duchsene

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: [redacted]

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: _____	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: CHANGE OF OPERATOR
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893 .

Attached is a list of Applications for Permit to Drill (APD) that are associated with this Change of Operator.

Devon Energy Production Company, LP
333 West Sheridan Avenue
Oklahoma City, OK 73102-5015

John D. Raines
Vice President

NAME (PLEASE PRINT) Russell des Cognets II TITLE Asset Manager

SIGNATURE [signature] DATE 9/08/14

(This space for State use only)

APPROVED

OCT 08 2014

DIV. OIL GAS & MINING

BY: Rachael Medina

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DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	See Attached List of Wells
API number:	
Location:	Qtr-Qtr: Section: Township: Range:
Company that filed original application:	Devon Energy Production Company, LP
Date original permit was issued:	
Company that permit was issued to:	Linn Operating, Inc.

Check one	Desired Action:
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
✓	**Transfer approved Application for Permit to Drill to new operator**
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		✓
If so, has the surface agreement been updated?		✓
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. LPM9149893	✓	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Russell des Cognets II Title Asset Manager

Signature [signature] Date 9-8-14

Representing (company name) Linn Operating, Inc.

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The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

Devon Energy Production Company, LP
Exisiting Well List of Application for Permit to Drill (APD's)

Well Name	API #	Legal Location	Producing Status	APD Approval Date	APD Extension Filed	Well Type	Lease Type	Divest Description	State	County
GALLOWAY #3-14B2	4301351741	014-020S-020W	APD	12/10/2012	12/11/2013	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
GALLOWAY #3-12B2	4301351742	012-020S-020W	APD	12/10/2012	12/11/2013	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
GALLOWAY 4-14B2	4301351818	014-020S-020W	APD	1/11/2013	12/11/2013	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MORRIS #3-8B1	4301351836	008-020S-010W	APD	4/1/2013	3/12/2014	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRITZ #3-24A2	4301351837	024-010S-020W	APD	4/1/2013	3/12/2014	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MIKE AND SHELLEY #4-14A2	4301351846	014-010S-020W	APD	2/6/2013	2/4/2014	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: Misc.

2. NAME OF OPERATOR: LINN OPERATING, INC.

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1999 Broadway, Ste #3700 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 999-4016

10. FIELD AND POOL, OR WILDCAT: Bluebell

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 14 1S 2W

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Excluded wells from Change of Operator
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Do not process Change of Operator from Devon Energy Production Company, LP to LINN Operating, Inc. for the following wells.

43-013-31192	BOREN 3-11A2	Oil Well	Producing	BLUEBELL	DUCHESNE	1S-2W	Sec 11
43-013-51846	MIKE AND SHELLEY #4-14A2	Oil Well	Approved permit (APD)	BLUEBELL	DUCHESNE	1S-2W	Sec14
43-013-31299	CORNABY 2-14A2	Oil Well	Producing	BLUEBELL	DUCHESNE	1S-2W	Sec 14
43-013-30035	FLY/DIA L BOREN 1-14A2	Oil Well	Shut-In	BLUEBELL	DUCHESNE	1S-2W	Sec 14

The Devon transaction to Linn Energy allowed EP Energy to exercise their preferential right to purchase the leases and wells in Sections 11 amd 14 of T1S, 2W so EP Energy now owns these wells.

NAME (PLEASE PRINT) Debbie Chan TITLE Reg. Compliance Supervisor

SIGNATURE DATE 9/23/2014

(This space for State use only)

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: FRITZ #3-24A2

2. NAME OF OPERATOR: LINN OPERATING, INC.

9. API NUMBER: 43013518370000

3. ADDRESS OF OPERATOR: Rt. 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER: 435 722-1325 Ext

9. FIELD and POOL or WILDCAT: BLUEBELL

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0666 FSL 0870 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 24 Township: 01.0S Range: 02.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/20/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

LINN Operating, Inc. hereby requests a one (1) year extension of the State APD for the above referenced well.

Approved by the
Utah Division of
Oil, Gas and Mining
November 25, 2014
Date:
By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Katherine Skinner	303 999-4037	Reg Compliance Spec 1
SIGNATURE N/A		**DATE** 11/20/2014

RECEIVED: Nov. 20, 2014

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013518370000

API: 43013518370000
Well Name: FRITZ #3-24A2
Location: 0666 FSL 0870 FWL QTR SWSW SEC 24 TWNP 010S RNG 020W MER U
Company Permit Issued to: LINN OPERATING, INC.
Date Original Permit Issued: 4/1/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Katherine Skinner **Date:** 11/20/2014
Title: Reg Compliance Spec 1 **Representing:** LINN OPERATING, INC.

RECEIVED: Nov. 20, 2014

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

April 7, 2016

Linn Operating, Inc.
Rt. 2 Box 7735
Roosevelt, UT 84066

Re: APD Rescinded – FRITZ #3-24A2, Sec. 24, T. 1S, R. 2W, Duchesne County, Utah API No. 43-013-51837

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on April 1, 2013. On March 13, 2014 and November 25, 2014 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective April 7, 2016.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Brad Hill, Technical Service Manager

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UTAH DNR OIL, GAS & MINING